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ABSTRACT

The book provides statistical data in narrative and tabular form on the 366,354 foreign students in the United States from 186 nations. Foreign students were enrolled at 2,521 of the 2,819 U.S. colleges and universities responding to a survey for the 1988/89 academic year. Part I provides information on the annual census of foreign students in the United States, with nine chapters which include information on the overview of foreign study, geographic regions, academic characteristics, personal characteristics, distribution by U.S. region and state, distribution in two-year and four-year institutions, distribution in public and private institutions, institutions with the most foreign students, and distribution by academic level. Part II provides data on cost-of-living expenditures by foreign students. Intensive English language programs are surveyed in Part III and study abroad (by American students) in Part IV. Nine appendices offer statistics on: foreign student enrollment by institution; country or other place of origin of foreign students; fields of study; countries of other places by region and subregion; states within U.S. regions; response rates; survey materials; foreign student enrollment in intensive English language programs; and study abroad enrollments by institution. (SM)

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ED316162

OPEN DOORS 1988/89

REPORT ON INTERNATIONAL EDUCATIONAL EXCHANGE

MARIANTHI ZIKOPOULOS, EDITOR

The Institute of International Education gratefully acknowledges special grant support from the United States Information Agency for the implementation of the Annual Census of Foreign Students and the production of *Open Doors*. It also acknowledges the invaluable assistance of the members of the American Association of Collegiate Registrars and Admissions Officers (AACRAO) and of the National Association for Foreign Student Affairs (NAFSA) in obtaining the data.

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DEFINITIONS IN USE THROUGHOUT THIS BOOK

Foreign Student. A foreign student is defined as anyone who is enrolled in courses at institutions of higher education in the United States who is not a citizen or an immigrant (permanent resident). Persons with refugee status are included.

F Visa. A F visa is a student visa granted to bona fide students who satisfy requirements for pursuing a full program of study at a U.S. academic institution which admits foreign students; who enter the United States for a temporary stay and solely to study; and who have permanent residence in foreign countries that they have no intention of abandoning.

J Visa. A J visa is an exchange-visitor visa granted by the United States for a variety of educational purposes, to students, trainees, teachers, professors, research scholars, international visitors, or professional trainees who are sponsored by an agency or organization approved for sponsorship by the Secretary of State for Exchange Visitors.

M Visa. An M visa is issued to students enrolling in a vocational training course (other than English language training) in the United States.

Higher Education. In respect to the United States, "higher education" is used to describe the group of colleges and universities listed in *The HEP 1988 Higher Education Directory*, Higher Educations Publications, Inc., Falls Church,VA, ISBN 0-914927-08-6.

Fields of Study. The fields of study used in this book are those from *A Classification of Instructional Programs*, published by the National Center for Education Statistics (NCES). See *Appendix 3* for the list of fields and subfields.

World Regions. The major world regions, and the subregions, countries, territories and other places of origin within each world region are presented in *Appendix A4.*

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Reports based on Census data are available to individuals, agencies, or corporations for clearly identified purposes of scholarly research, public information, or recruitment.

Reports will be produced for recruitment purposes only when the employer has indicated that: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their study in the United States and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

Student names obtained as a byproduct of the Census will not be released in any case without the student's prior consent.

The Institute of International Education reserves the right to request that the proposed use of data be documented and to withhold data when the request is not deemed to be for appropriate scholarly, public information, or recruitment purposes.

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HIGHLIGHTS OF OPEN DOORS: 1988/89

Survey Totals

	1987/88	1988/89	% Change
Annual Census of Foreign Students	356,187	366,354	2.9
Intensive English Language Programs	23,965	29,747	24.1

Part I: The Annual Census of Foreign Students in the United States

Foreign Students by World Region of Origin (Chapter 2)

World Region	1987/88 %	1987/88 Number	1988/89 %	1988/89 Number	% Change
Asia	50.7	180,540	52.2	191,430	6.0
Latin America	12.5	44,550	12.3	45,030	1.1
Europe	10.9	38,820	11.7	42,770	10.2
Middle East	12.2	43,630	11.0	40,200	-7.9
Africa	8.0	28,450	7.2	26,430	-7.1
North America	4.6	16,360	4.6	16,730	2.3
Oceania	1.0	3,620	1.0	3,610	-0.3

Leading Countries or Other Places of Origin (Chapter 2)

Locality	1987/88 %	1987/88 Number	1988/89 %	1988/89 Number	% Change
China	7.1	25,170	7.9	29,040	15.4
Taiwan	7.5	26,660	7.9	28,760	7.9
Japan	5.1	18,050	6.6	24,000	33.0
India	5.9	21,010	6.4	23,350	11.1
Korea, Republic of	5.8	20,520	5.6	20,610	0.4
Malaysia	5.5	19,480	4.4	16,170	-17.0
Canada	4.4	15,690	4.4	16,030	2.2
Hong Kong	3.0	10,650	2.9	10,560	-0.8
Iran	2.9	10,420	2.4	8,950	-14.1
Indonesia	2.5	9,010	2.4	8,720	-3.2

Foreign Students by Field of Study (Chapter 3)

Field of Study	1987/88 %	1987/88 Number	1988/89 %	1988/89 Number	% Change
Engineering	20.7	73,880	19.8	72,710	-1.6
Business & Managmt.	18.8	66,990	18.9	69,320	3.5
Math & Computer Sci.	9.9	35,400	9.6	35,260	-0.4
Physical & Life Scies	8.3	29,250	8.5	31,320	7.1
Social Sciences	7.7	27,650	7.7	28,300	2.4
Fine & Applied Arts	4.5	15,860	4.6	16,740	5.5
Health Sciences	3.9	13,910	4.2	15,230	9.5
Humanities	4.0	14,250	3.8	14,050	-1.4
Education	3.1	11,140	3.1	11,210	0.6
Agriculture	2.3	7,930	2.3	8,370	5.5

Foreign Students by Academic Level (Chapter 3)

Academic Level	1987/88 %	1987/88 Number	1988/89 %	1988/89 Number	% Change
Graduate	43.9	156,190	45.2	165,380	5.9
Bachelor's	38.5	137,280	36.0	131,900	-3.9
Associate	11.1	39,380	11.1	40,570	3.0
Intensive Engl. Lang.[1]	3.4	11,990	4.0	14,810	23.5
Practical Training	1.3	4,800	1.9	7,020	46.3
Nondegree	1.8	6,550	1.8	6,670	1.8

[1] Only IELP students reported in the Census are included in these figures.

Foreign Students by Primary Source of Funds (Chapter 4)

Source of Funds	1987/88 %	1987/88 Number	1988/89 %	1988/89 Number	% Change
Personal & Family	64.0	228,030	62.6	229,430	0.6
U.S. College/University	17.0	60,420	17.6	64,410	6.6
Home Govmt./University	8.6	30,720	7.8	28,360	-7.7
U.S. Private Sponsor	2.9	9,840	3.0	11,140	13.2
U.S. Government	2.1	7,570	2.4	8,660	14.4
Foreign Privt. Sponsor	2.4	8,620	2.3	8,500	-1.4
Current Employment	1.5	5,380	2.0	7,300	35.7
International Organztn.	0.7	2,640	0.8	2,940	11.4*
Other	0.8	2,970	1.5	5,610	88.9

*Information on students supported by International Organizations, both for 1987/88 and 1988/89, was made available in 1988/89 for the first time.

States With the Most Foreign Students (Chapter 5)

State	1987/88 %	1987/88 Number	1988/89 %	1988/89 Number	% Change
California	13.8	49,197	13.5	49,291	0.2
New York	9.7	34,693	10.3	37,802	9.0
Texas	6.7	23,714	6.3	23,240	-2.0
Massachusetts	5.3	18,946	5.4	19,808	4.5
Florida	5.1	18,271	5.0	18,487	1.2
Illinois	4.4	15,619	4.3	15,768	1.0
Pennsylvania	3.8	13,460	4.0	14,668	9.0
Ohio	3.7	13,142	3.6	13,289	1.1
Michigan	3.4	12,171	3.5	12,857	5.6
District of Columbia	2.6	9,298	2.5	9,212	-0.9

Institutions With the Most Foreign Students (Chapter 8)

Institution	1987/88	1988/89	% Change
Miami-Dade Community College	5,148	5,080	-1.3
University of Southern California	3,767	3,486	-7.5
University of Texas, Austin	3,135	3,385	8.0
Boston University	2,641	2,940	11.3
University of Wisconsin-Madison	2,825	2,919	3.3
University of California, Los Angeles	2,765	2,859	3.4
Ohio State University, Main Campus	2,756	2,790	1.2
Columbia University	2,474	2,673	8.0*
University of Pennsylvania	2,255	2,654	17.7
University of Illinois, Urbana	2,446	2,569	5.0

* Figures for Columbia University no longer include Teachers and Barnard Colleges.

Leading Places of Origin of IELP Students (Part III)

Locality	1987/88 %	1987/88 Number	1988/89 %	1988/89 Number	% Change
Japan	26.2	6,289	31.8	9,454	50.3
Mexico	4.1	992	6.2	1,842	85.7
China	7.4	1,781	5.7	1,695	-4.8
Korea, Rep. of	4.6	1,114	4.6	1,371	23.1
Thailand	2.8	682	2.9	856	25.5
Taiwan	2.7	640	2.9	850	32.8
Colombia	3.3	800	2.9	848	6.0
Indonesia	3.0	727	2.5	744	2.3
Saudi Arabia	3.5	835	2.4	703	-15.8
Vietnam	0.9	221	1.9	569	157.5

Host Region of U.S. Study Abroad Students (Part IV)

Host Region	% of Study Abroad Students 1985/86	1987/88
Africa	1.1	1.2
Asia	5.4	6.1
Europe	79.6	75.4
Latin America	7.0	9.2
Middle East	4.0	4.7
North America	0.9	1.4
Oceania	0.9	1.2
Multiple Regions	1.0	0.8

World Region and Subregion of Origin of Foreign Students Within Academic Level (Chapter 9)

World Region/ Subregion	Under-graduate	Graduate	Other
AFRICA	**8.7%**	**6.4%**	**5.1%**
North Africa	1.0	1.8	1.6
Sub Saharan Africa	7.7	4.6	3.5
ASIA	**41.6**	**52.7**	**55.6**
East Asia	19.5	41.9	42.1
South & Central Asia	7.0	13.0	5.0
Southeast Asia	15.1	7.8	8.5
EUROPE	**11.7**	**11.2**	**15.7**
Eastern Europe	0.6	0.7	1.0
Western Europe	11.1	10.5	14.7
LATIN AMERICA	**17.4**	**7.1**	**9.8**
Caribbean	5.5	1.0	1.1
Central America	6.2	2.1	3.1
South America	5.7	4.0	5.6
MIDDLE EAST	**13.6**	**7.9**	**10.9**
NORTH AMERICA	**5.8**	**3.9**	**2.0**
OCEANIA	**1.2**	**0.8**	**0.9**

Leading Host Countries of U.S. Study Abroad Students (Part IV)

Host Country	% of Study Abroad Students 1985/86	1987/88
United Kingdom	29.3	28.5
France	13.7	12.0
Spain	8.8	7.9
Italy	7.8	7.7
Mexico	4.2	5.3
Germany, F.R.	6.1	5.0
Israel	4.0	3.5
Austria	3.9	3.1
Japan	2.5	2.2
China	1.7	2.1

PART I: THE ANNUAL CENSUS OF FOREIGN STUDENTS IN THE UNITED STATES

MAJOR TRENDS

CHAPTER 1: Overview. In academic year 1988/89, the number of foreign students studying at accredited U.S. colleges and universities was 366,354. There were 10,167 more foreign students than in the previous year, an increase of 2.9 %. In the last few years, the rate of increase has itself been growing, from 1.7 % in 1986/87 to 1.9 % in 1987/88 to this year's 2.9 %. This most recent increase approaches in size the increases of over 3.0 % of the early 1980s.

In the United States, the country with by far the largest foreign student population, foreign students account for only 2.7 % of enrollments in institutions of higher education. Comparing this percentage with data from the *Unesco Statistical Yearbook* on the five countries with the next-largest numbers of foreign students, we find that in France (in 1985) foreign students constituted 10.3% of all tertiary-level students; in the Federal Republic of Germany (in 1985), 5.1 %; in the Soviet Union (in 1980), 1.2%; in the United Kingdom (in 1983), 4.2%; and in Canada (in 1985), 2.4 %.

CHAPTER 2: Geographic Origin. For the second year in a row, more than half of the foreign students in the United States came from Asia; this year, 191,430 or 52.2% came from that region. This number increased by 6% over the preceding year. Almost three-fifths of these students (59.1%) came from East Asia, which is not surprising in light of the fact that China is now the leading country or place of origin, with 29,040 students, and Taiwan, with 28,760, comes next. The rate of growth of Chinese students was 15.4%, but this was only half the rate of increase of the number of Japanese students: 24,000 Japanese students came to the United States, increasing by 33% over the previous year. Eight of the top ten sending countries or places of origin were in Asia; the two exceptions were Canada and Iran.

While Asian students become ever more numerous, the number of African students is declining. In the past year, there were 26,430 African students, 7.1% fewer than in the previous year; of these African students, 20,400 came from sub-Saharan Africa. The principal reason for the decline in African students was the continuing sharp decline (-26.3%) in students from Nigeria, the country with the largest number of students from this region; this decline was not compensated by the very small increases in students from Eastern Africa, Central Africa, and Southern Africa.

The region with the largest increase in percentage terms, 10.2%, was Europe. Among Western European countries, Spain showed an increase of 22%, the second highest anywhere after Japan; France, an increase of 13.2 %; the Federal Republic of Germany, 10.6%; and the United Kingdom, 3.%. Although the number of students from Eastern Europe still constitutes only 5.8 % of the European total, this is 0.6% more than in the previous year; the number of students from Eastern Europe was 2,460, 460 or 23% more than in 1987/88.

The number of Latin American students increased very slightly, from 44,550 to 45,030 or 1%, but Latin America is second to Asia in sending foreign students to the United States. No Latin American country, however, appears among the top fifteen sending countries. The number of students from the Middle East continues to decline. Although this decline is principally due to the ever-decreasing number of Iranian students, other Middle Eastern countries like Lebanon (-11.9 %), Saudi Arabia (-9.5%), and Jordan (-3.9%) also showed decreases.

CHAPTER 3: Academic Characteristics. The two fields of study chosen most frequently by foreign students in 1988/99 were, as in the past, engineering (72,710 or 19.8 % of the total) and business and management (69,320 or 18.9 %). What is interesting is that, with progressive small decreases in the percentage of engineering students, the gap between these two fields has steadily decreased over the last decade, so that it is now less than 1%. It is worth noting, also, that much of the decline in the broader category of engineering derives from a decline of 13.7 % in enrollment in engineering-related technologies. Third and fourth in scale are mathematics and computer sciences (35,260 or 9.6 %) and the physical and life sciences (31,320 or 8.5%), and here again, the gap has narrowed, as the numbers of students in mathematics and computer sciences began to decrease in 1986/87.

Last year's sharp increase (8%) in enrollments in the humanities was not sustained; in 1988/89; humanities enrollments decreased by 5%. Similarly, the social sciences, which drew 7.7% of all foreign students and increased by 8% last year, continued to draw the same 7.7% in 1988/89, while the rate of increase of 7% in fine and applied arts slowed to 2.2% in the past year.

The proportion of graduate students in the foreign student population continued to increase in the past

year, to 165,380 or 45.2% of the total, an increase of 5.9%. At the same time, the proportion of bachelor's level student decreased again, by 3.9 %, to 131,900 or 36% of the total. The number of candidates for associate degrees increased by 3%, to 40,570, and their proportion remained level at 11.1%. Taken together candidates for bachelor's degrees and associate degrees still outnumber graduate students, but the gap is shrinking steadily. Within the graduate student category, the largest increase, 20.1%, appeared in professional training, from 2,930 to 3,520 students.

A quite dramatic rise took place in the past year in the number of students reported in intensive English language programs: from 11,990 in 1987/88 to 14,810 in 1988/89, an increase of 23.5%. In part, this increase reflects a higher response rate to our survey of intensive English language programs, but in part, also, it reflects actual increases in enrollments.

CHAPTER 4: Personal Characteristics. The steady but slow growth of the percentage of female foreign students reached a kind of milestone in 1988/89, when female students became slightly more than one-third of the foreign student population (122,729 or 33.5%). Among foreign students in two-year institutions there were proportionately more women (44.1%) than among foreign students in four-year institutions (32.3 %).

As in the past, the primary sources of support of the greatest number of foreign students in 1988/89 (72.7 %) were, as in the past, located abroad: 229,430 or 62.6 % of foreign students were primarily supported by personal and family funds; 28,360 or 7.8% by their home government or university; and 8,500 or 2.3% by a foreign private sponsor. The proportion of students whose primary support comes from overseas has declined slightly in the past year, from 75.6% to 72.7%. Within the United States, colleges and universities supported the greatest number of students, 64,410 or 17.6 %, an increase of 6.6% over the last year.

CHAPTER 5: Distribution by U.S. Region and State. The Northeast region again led in enrollments, with 90,787 foreign students, and its lead over the next region, the Midwest, increased. The leading states continued to be California (49,291 or 13.5 %), New York (37,802 or 10.3%), and Texas (23,240 or 6.3%). The ten states with the largest numbers of foreign students accounted for 58.4% of the total foreign student population. Altogether, students of 186 nationalities came to the United States, and some states attracted especially large numbers of nationalities: California had 168, New York and Massachusetts had 163, and the District of Columbia had 162.

CHAPTER 6: Distribution in Two- and Four-Year Institutions. The proportions of foreign students in two-and-four-year institutions has been remarkably stable over the last decade; in 1988/89, 12.7 percent were in two-year institutions and 87.3 percent in four-year institutions. In a number of states, however, the proportion in two-year institutions was well above the national norm: Florida (42.7%), Idaho (36.1%), Virginia (26.9 %), Maryland (25.5%), and California (23.9%). The ten states with the largest numbers of foreign students in two-year institutions, led by California and Florida, accounted for 74.6% of all foreign students in two-year institutions. The ten states with the largest numbers of students in four-year institutions, led by California, New York, and Texas, accounted for 57.5% of these foreign students.

CHAPTER 7: Distribution in Public and Private Institutions. No conspicuous change has taken place in the distribution of foreign students between public and private institutions: in 1988/89, 65.6% were in public institutions and 34.4% in private ones. Foreign students were more likely to attend private institutions than all higher education students in the United States, only 20.6% of whom went to private institutions. Proportions of foreign students in private institutions far above the national norm were found in the District of Columbia (87.2%), Vermont (85.7%), New Hampshire (73.6%), Rhode Island (66.7%), and Connecticut (64.9 %). It is worth noting that New York, with the second largest total foreign student population, had 54.9% in private schools. States with the most foreign students in public institutions were California (31,854 or 13.3%), Texas (19,647 or 8.2%), New York (17,000 or 7.1%), Florida (13,155 or 5.5%), and Michigan (10,763 or 4.5%).

CHAPTER 8: Institutions with the Most Foreign Students. In 1988/89, 84 institutions had 1,000 or more foreign students, accounting for 41.4 % of all foreign students. While in U.S. higher education overall, foreign students constituted 2.7 % of the student population, in the 84 schools with 1,000 or more foreign students they constituted 7.2% of all students. The institutions with the highest proportion of foreign students were New Jersey Institute of Technology (22.8 %), Massachusetts Institute of Technology (20.9%), and New York Institute of Technology, All Campuses (15.8%). Miami-Dade Community College had the largest number of foreign students (5,080), followed by the University of Southern California (3,486), and the University of Texas at Austin (3,385). Newcomers to the top ten this year were the University of Pennsylvania and the University of Illinois, Urbana Campus, while the University of Arizona and the University of Minnesota dropped off the list. American University, with foreign students from 125 nations, had the most nationally-diverse foreign student population.

CHAPTER 9: Foreign students by academic level. Among foreign undergraduates, in 1988/89, 41.6% were Asian, with the next largest group being Latin American students at 17.4%. Among graduate students, Asians

again were the largest subgroup, at 62.7%, while the next largest groups consisted of East Asians, with 41.9% and South and Central Asians, 13.%. Graduate students from Europe constituted 11.2 % of all foreign graduate students. Among foreign undergraduates, the most frequently selected field of study was business and management (26.8%) and the second is engineering (19.3 %), while among foreign graduate students, the top field was engineering (22.6%) and the second is business and management (14.1%). The top undergraduate field of study preferences clearly diverged from the top preference of all foreign students for engineering.

PART II: Cost-of-Living Expenditures by Foreign Students in the United States. Based on the number of foreign students reported for 1988/89 and the recommended Monthly Maintenance Rates for 1989/90 produced by IIE for use by the Fulbright Program, IIE estimates total academic year of cost-of-living expenditures for 1989/90 to be $2,472,750. This figure does not include costs of tuition, fees, books, insurance, special equipment, travel, or dependents. The average Monthly Maintenance Rate (averaging different rates in different regions of the country) was calculated to be $750 for the 1989/90 academic year. Using this average rate, student cost-of-living expenditures were estimated to be $309,941,100 in California, $218,565,900 in New York, and $149,398,200 in Texas.

PART III: Intensive English Language Programs. In the past year, the number of programs reporting foreign student enrollments increased from 291 to 306, and the number of students reported increased also, from 23,965 to 29,747, an increase of 24.1% This large increase in the number of students reflects both the higher response rate to the survey and an actual increase in the number of students. Programs with the largest number of intensive English language students were Miami-Dade Community College (1,068), Hunter College-International English Language Institute (843), and New York Univeristy American Language Institute (807). California, New York, and Florida had the most IELP students, while the largest increase in such students occurred in Texas (692 or 66.3% more students). The largest number of IELP students came from Asia (12,570), and within Asia, 9,454 students came from Japan, and increase of 50.3%. Another notable increase occurred in the number of IELP students from Mexico: the number increased from 992 to 1,842, i.e., 88.7 %.

PART IV: Study Abroad. In 1987/88, 62,341 U.S. students studied abroad, receiving academic credit for the work they carried out overseas. This represents an increase of 13,858 students or 28.6% since 1985/86. Europe continued to attract by far the largest proportion, 75.4%, of study abroad students; this proportion decreased slightly over the two-year period since the last survey. At the same time, slightly larger percentages of study abroad students travelled to Asia, Latin America, and the Middle East. Four of the top five countries were in Western Europe: The United Kingdom with 28.5%; France with 12.0%; Spain with 7.9%; and Italy with 7.7%. The fifth country in this set was Mexico, with 5.3%. Nearly half of U.S. study abroad students were in liberal arts, in foreign languages and in social sciences; the overwhelming majority were undergraduates. Finally, females greatly outnumbered males in the study abroad student population (64.5%).

INTRODUCTION

Every year since 1949, the Institute of International Education (IIE) has published an enumeration of the foreign student population in the United States. Originally titled *Education for One World*, it was renamed *Open Doors* in 1955. IIE conducts a survey (the Annual Census of Foreign Students) of all regionally-accredited U.S. institutions of higher education, obtaining from them data on the foreign students they enroll. The 1988/89 edition of *Open Doors* is the result of the most recent survey. IIE's efforts benefit from the advice provided by the International Education Data Collection Committee (IEDC), which includes representatives of the National Association for Foreign Student Affairs (NAFSA), the American Association of Collegiate Registrars and Admissions Officers (AACRAO), and IIE itself.

Since 1975/76, in response to IIE's redesigned questionnaire, campus officials have provided institutional totals of foreign students in each of the following categories: country of origin, academic characteristics, and personal characteristics. With the aggregate data thus provided, *Open Doors* effectively meets the needs of those who seek information about a single or specific characteristic of the foreign student population, for example:

- the total number of foreign students in the United States
- the number of students from a particular country or region
- the distribution of foreign students among different fields of study
- the geographic distribution of foreign students within the United States
- the number of foreign students at different academic levels.

The excellent response rate to the Open Doors survey (97.1% in 1988/89) means that the survey constitutes a virtual census of the foreign student population, providing an accurate picture of foreign study in this country. For certain purposes, however, aggregate data like those in *Open Doors* are not sufficiently detailed. To provide in-depth information, IIE conducts another, biennial survey, obtaining information about individual foreign students from campus officials. These data, collected in what is known as the Individual Data survey, can be cross-tabulated to yield such information as:

- the proportion of students from a specific country who are undergraduates
- the proportion of male students from a specific country who are studying business and management
- the proportions of foreign engineering students from different world regions
- the proportions of foreign students in different fields of study at different academic levels.

The data collected in the Individual Data Survey are published in *Profiles, Detailed Analyses of the Foreign Student Population*. While the detailed information contained in Profiles has clear advantages for certain kinds of analyses of foreign student flows, *Open Doors* is the best source of information on the broad characteristics of foreign students, since it is based on almost the entire foreign student population.

1. OVERVIEW OF FOREIGN STUDY

This chapter provides an overview of international student mobility. The first section contains information about the scale and composition of flows of students to the United States, based on data from the Annual Census of Foreign Students in the United States, which has been conducted by IIE for more than three decades, since 1954/55. The second section examines foreign student flows worldwide, based on data collected by Unesco and published in Unesco's *Statistical Yearbook 1988* or collected directly from individual host countries. These data on worldwide student migration provide a context for the presentation of flows to the United States. They offer information about the extent to which overall worldwide flows remain constant, increase, or decrease in scale; about the destinations of students and possible changes in the shares of all mobile students going to

1.A
Foreign Student Enrollment and Institutions Reporting Foreign Students, 1954/55 - 1988/89

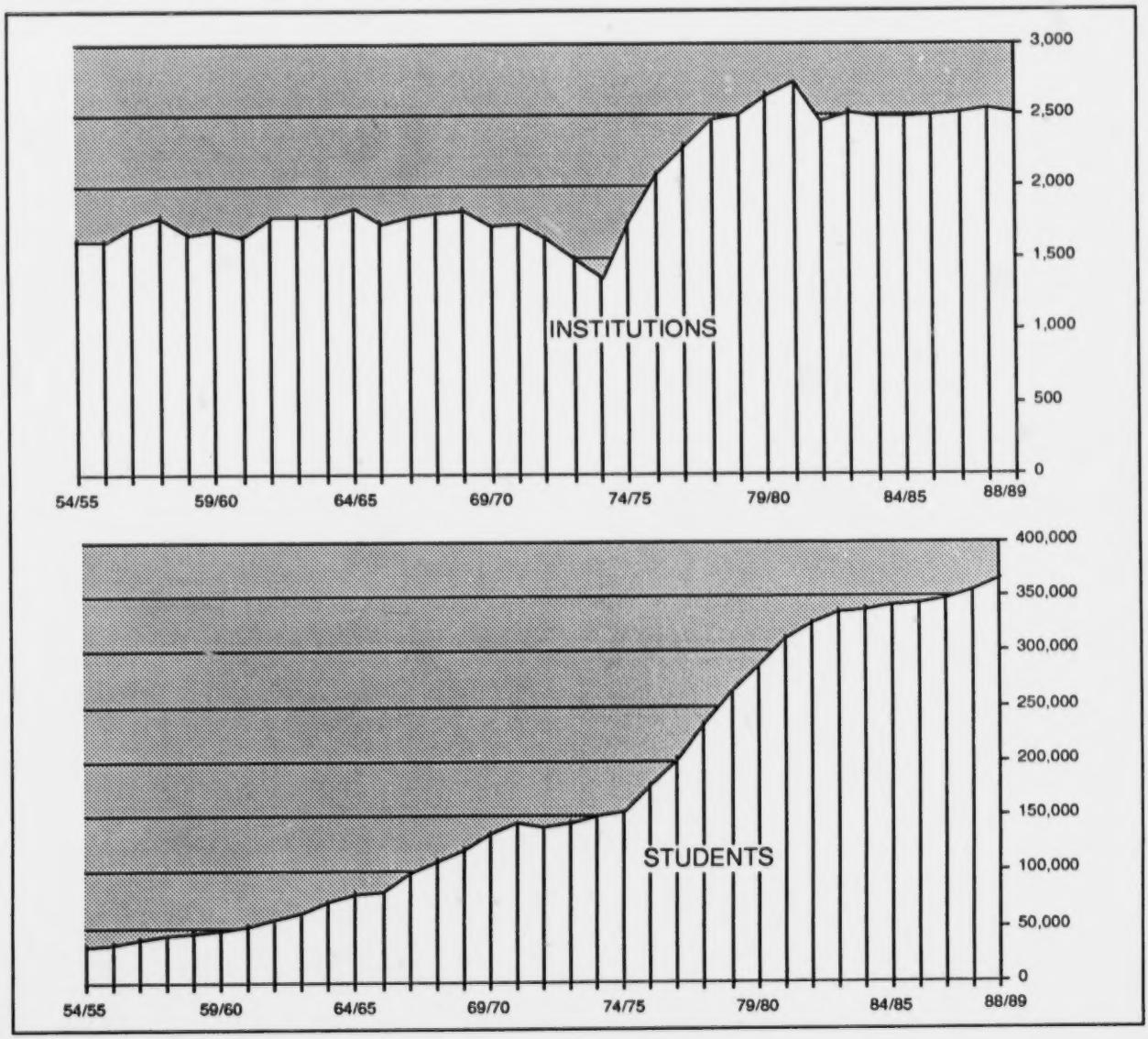


TABLE 1.0

Foreign Student Enrollment and Institutions Reporting Foreign Students, 1954/55-1988/89

Year	Foreign Students	Number of Institutions
1954/55	34,232	1,629
1955/56	36,494	1,630
1956/57	40,666	1,734
1957/58	43,391	1,801
1958/59	47,245	1,680
1959/60	48,486	1,712
1960/61	53,107	1,666
1961/62	58,086	1,798
1962/63	64,705	1,805
1963/64	74,814	1,805
1964/65	82,045	1,859
1965/66	82,709	1,755
1966/67	100,262	1,797
1967/68	110,315	1,827
1968/69	121,362	1,846
1969/70	134,959	1,734
1970/71	144,708	1,748
1971/72	140,126	1,650
1972/73	146,097	1,508
1973/74	151,066	1,359
1974/75	154,580	1,760
1975/76	179,344	2,093
1976/77	203,068	2,294
1977/78	235,509	2,475
1978/79	263,938	2,504
1979/80	286,343	2,651
1980/81	311,882	2,734
1981/82	326,299	2,454
1982/83	336,985	2,529
1983/84	338,894	2,498
1984/85	342,113	2,492
1985/86	343,777	2,507
1986/87	349,609	2,518
1987/88	356,187	2,552
1988/89	366,354	2,521

each of the major host countries; and about changes in the scale of the flows from different regions or countries.

FLOWS OF FOREIGN STUDENTS TO THE UNITED STATES: THE ANNUAL CENSUS OF FOREIGN STUDENTS

Description of the data. The data presented in *Open Doors 1988/89* were collected in a survey of 2,904 regionally accredited institutions of higher education in the United States in the Fall of 1988 and Spring of 1989. Of these institutions, 2,819 or 97.1% responded, with 298 reporting no foreign student enrollments. The number of institutions that did report having foreign students, 2,521, is just slightly lower than the 1987/88 figure of 2,552 (**Table 1.1**). (**A summary of survey response data appears in Appendix A6**).

As the large number of institutions making affirmative responses indicates, foreign students were widely distributed among U.S. institutions of higher education last year; they could be found in nearly nine of ten institutions (89%). **Table 1.1** shows that the number of schools that enrolled international students has grown significantly since the census was undertaken over 30 years ago. From the mid-seventies to 1980, it increased by about 800, paralleling a rapid expansion in the foreign student population during the same period. Thus, increases in foreign student enrollments have been spread across the structure of higher education in the United States, with more students attending more and also more varied institutions. In 1981/82, some institutions were eliminated from the survey because they were unaccredited, and this resulted in a 10% drop in the total number of institutions surveyed. The schools that reported having foreign students have increased from 2,454 in that year to 2,521 this year, an overall increase of 3.0%. In the same period, the number of institutions surveyed has increased by only 1.1% (**Appendix A6**).

It should be noted that some variations will appear in foreign student totals in different tables in this publication. Thus, **Table 1.0** lists the total number of foreign

TABLE 1.1

Foreign Student Enrollment, Institutions Reporting Foreign Students, and Percent Change, Selected Years, 1954/55-1988/89

Year	Foreign Students	% Change	Number of Institutions	% Change
1954/55	34,232		1,629	
1959/60	48,486	8.3	1,712	1.0
1969/70	134,959	12.9	1,734	-1.3
1974/75	154,580	2.9	1,760	0.3
1979/80	286,343	8.5	2,651	5.9
1980/81	311,882	8.9	2,734	3.1
1981/82	326,299	6.0	2,454	-10.2[1]
1982/83	336,985	3.3	2,529	3.1
1983/84	338,894	0.6	2,498	-1.2
1984/85	342,113	0.9	2,492	-0.2
1985/86	343,777	0.5	2,507	0.6
1986/87	349,609	1.7	2,518	0.4
1987/88	356,187	1.9	2,552	1.4
1988/89	366,354	2.9	2,521	-1.2

[1]*Rate of increase for accredited institutions (see text). In 1981/82 the number of institutions surveyed decreased due to elimination from the Census of all institutions that are not listed in the* Education Directory, Colleges and Universities *with (a) accreditation, (b) provisional or probationary accreditation, or (c) preaccredited status by a Regional Accrediting Commission.*

TABLE 1.2

Foreign Student and Total U.S. Enrollment, Selected Years, 1954/55-1988/89

Year	Foreign Enrollment	Total Enrollment[1]	% of Total Enrollment
1954/55	34,232	2,499,800	1.4
1959/60	48,486	3,402,300	1.4
1964/65	82,000	5,320,000	1.5
1969/70	134,959	7,978,400	1.7
1974/75	154,580	10,321,500	1.5
1979/80	286,343	11,707,000	2.4
1980/81	311,882	12,087,200	2.6
1981/82	326,299	12,371,700	2.6
1982/83	336,985	12,425,800	2.7
1983/84	338,894	12,393,700	2.7
1984/85	342,113	12,467,700	2.7
1985/86	343,777	12,387,700	2.8
1986/87	349,609	12,410,500	2.8
1987/88	356,187	12,808,487	2.8
1988/89	366,350	13,322,576	2.7

[1] Reported total enrollments from 1954/55 to 1982/83 are from the National Center for Education Statistics, Washington, D.C. The reported total enrollment for 1983/84 is from the Annual Survey of Colleges - Fall Enrollment, *1983, New York: College Board. The total enrollment figure for 1984/85 was based on a reported 1% increase in total undergraduate enrollment and a 2% decrease in graduate total enrollment in the Annual Survey of Colleges-* Fall Enrollment, *1984, New York: College Board. Enrollments since 1985 are from* Fall Enrollment, *New York: College Board.*

students reported as 366,354, the actual number of students, while in **Table 1.2** and in other tables throughout this book, the total has been rounded to 366,350. Other inconsistencies occur when rounding of percentages keeps the total from equaling 100%. In these instances, the total percent column reports 100% to indicate that all categories are accounted for. Inconsistencies are especially noticeable when data from the Annual Census are combined with Unesco data or data obtained from individual host countries. These latter data are the most recently available ones and were not collected uniformly in the same year; as a consequence, totals are not uniform from table to table.

Census Findings. Census data for 1988/89 show the largest one-year increase in the foreign student population since the early 1980's. The gain of 10,167 foreign students for a 2.9% increase over last year's figures is particularly encouraging when measured against the average growth of less then 1.5% in the last five years. Between 1980/81 and 1982/83 average growth was over 6.0%, but between 1983/84 and 1985/86 yearly percentage increases averaged less than 1.0%. In more recent years the foreign student population appears to be again on the rise, with average increases closer to 2.0% , followed by this year's increase of just under 3.0%. Thus, although the factors influencing foreign student flows to the United States are varied, and in many cases unknown, it seems that the foreign student population is not falling below replacement rate.

These modest increases, however, bear no resemblance to the rapid expansion of the seventies, when in the six years between 1974/75 and 1980/81 the foreign student population doubled. In contrast, the growth in the foreign student population in the past six years has been about 8.5% (**Table 1.0** and **Figure 1.A**).

Despite the nearly 1000% increase in the number of foreign students studying in the United States since 1954/55, their share of all higher education students in the U.S. has experienced no significant change, rising from a bare 1.4% to a mere 2.8%. This is the result of the tremendous expansion of the overall higher education enrollments in the U.S. which, having increased by a factor of five in the same time span, diminished the effects of foreign student population growth. The small rise in the proportion of international students, as **Table 1.2** shows, occurred in the late seventies, during the period of very rapid foreign student expansion, but in the past several years has remained around 2.8%.

STUDENT MOBILITY WORLDWIDE: UNESCO AND OTHER DATA

While the United States is the focus of *Open Doors*, it is only one of the nations that attract students from the other countries of the world. As will be shown below, the United Sates is the leading receiving, or host, country in the world at the present time and has been for many years in the past. However, the scale and composition of the foreign student population in the United States and changes in the nature of this population become more meaningful when examined in the context of foreign student flows to other countries.

As indicated above, rigorously comparable data on

TABLE 1.3 (Unesco)*

Foreign Student Enrollment In Host World Region, 1985[1]

Host Region	Number of Countries	Foreign Students
Africa	37	30,810
Asia	16	42,072
Europe	27	443,956
Latin America	16	27,316
Middle East	13	79,060
North America	3	373,291
Oceania	5	19,068
U.S.S.R.[2]	1	62,942
TOTAL	**118**	**1,078,515**

** Source: Unesco* Statistical Yearbook 1988 , *Table 3.11, "Education at the third level: number of foreign students enrolled", pp.III 355-359.*
[1] Figures are for 1985 for most of the responding countries.
[2] Figure is for 1978.

TABLE 1.4 (Unesco)*

Foreign Student Enrollment in Leading Host Countries, Selected Years, 1970-1986

Host Country	1970	1975	1980	1984	1985	1986
United States[1]	144,708	179,350	311,882	342,113	343,777	349,610
France	34,500	93,750	110,763	133,848	131,979	126,762
Germany, F.R.	27,769	53,560	61,841	76,918	79,354	—
U.S.S.R.	27,916	43,287	62,942[2]	42,267[4]	—	—
United Kingdom	24,606	49,032	56,003	—	—	—
Canada	22,263	22,700	28,443	32,625	29,496	27,210
Lebanon	22,184	—	31,026	25,515	—	—
Italy	14,357	18,921	29,447	27,548	—	—
Egypt	13,387	—	21,751	—	12,235	—
Saudi Arabia	1,404	4,026	14,298	17,283	17,607	—
Switzerland	9,469	10,113	14,716	16,830	17,396	13,578
Romania	1,766	4,971	15,868	13,068	10,774	—
India	7,604	8,880	14,710[3]	—	—	—
Austria	8,573	10,320	—	14,858	15,388	15,740
Sweden	—	—	13,182	—	—	—
Belgium	8,611	9,748	12,875	21,188	24,761	20,095
Spain	10,575	8,909	10,997	—	—	—
Brazil	—	—	12,800	—	—	—
Australia	7,525	8,356	8,777	12,028	16,075	—
Argentina	—	—	7,882[3]	10,049	—	—
Japan	4,447	5,541	6,543	10,692	12,442	14,960
Vatican City	8,128	5,740	9,104	9,656	9,775	—
German D.R.	—	5,386	7,106	9,143	9,231	9,613
Yugoslavia	—	2,358	4,426	7,982	—	7,426
Greece	5,796	1,049	7,673	—	—	—
Turkey	6,125	5,907	—	6,732	7,021	6,923

* *Source:* Unesco Statistical Yearbook 1988, *Table 3.11 "Education at the third level: number of foreign students enrolled", pp. III 355-359.*
[1] *Source:* Open Doors,1986/87.
[2] *Figures are for 1978.*
[3] *Figures are for 1979.*
[4] *Figure is for 1983.*

student flows to different countries are not available. The latest data available on worldwide mobility are generally from 1985, but some data are more recent and others less so. To complicate matters further, the definition of "foreign student" varies from country to country. Some countries include permanent residents in their reports, while others do not, thereby limiting comparability.

By 1985, as shown on **Table 1.3**, 1,078,515 foreign students studied in 118 countries, according to Unesco's *Statistical Yearbook 1988*, a decrease of 0.4% from the previous year. Europe was host to the largest number of foreign students, with four out of ten (443,956) of all reported students worldwide. North America followed with a little over one third (34%), the vast majority of whom, 343,780 or 92%, studied in the United States.

Foreign Students within Leading Host Countries. The countries that received the largest groups of students, presented in **Table 1.4**, were, in descending order, the United States; France, enrolling 126,762 students; the Federal Republic of Germany, enrolling 79,354 students; the U.S.S.R. with 62,942 students in 1978, the last year for which data are available; the United Kingdom with 42,267 students in 1983, the last year for which information was available; and Canada with 29,496 students. The United States received two and a half times more foreign students than the second highest receiving country, France, attracting nearly one-third (32%) of all foreign students worldwide.

Two-thirds (63.2%) of the foreign students enrolled in the 50 leading host countries, and who accounted for 87% of all foreign students worldwide, were concentrated in the top five countries* (the United States, France, the Federal Republic of Germany, the United Kingdom, and Canada).The United States alone enrolled just under one-third (31.1%) of those students, and France an additional 13.4%. It should be noted, however, that these statistics are skewed by the fact that some receiving countries which had large foreign stu-

* *Although the Soviet Union ranked fourth in overall foreign student enrollments, it is not included among the five leading countries for this analysis because data on the countries of origin of its foreign students were not available this year.*

TABLE 1.5 (Unesco)*

Foreign Student and Total Enrollment in Leading Host Countries, 1985

Host Country	Foreign Enrollment	Total Enrollment	% of Total Enrollment
United States[1]	343,780	12,387,726	2.8
France	131,979	1,278,581	10.3
Germany, F.R.	79,354	1,550,211	5.1
U.S.S.R.[2]	62,942	5,235,200	1.2
United Kingdom[4]	42,267	1,000,168	4.2
Canada	29,496	1,241,976	2.4
Italy[5]	27,548	1,181,953	2.3
Lebanon[3]	25,515	70,510	36.2
Belgium	24,761	247,499	10.0
Saudi Arabia[3]	17,283	87,821	19.7
Egypt[3]	17,062	825,800	2.1
Switzerland	17,398	110,111	15.8
Austria	15,388	173,215	8.9
India[2]	14,710	5,345,580	0.3
Sweden[5]	10,401	220,947	4.7
Romania	10,774	159,798	6.7
Spain[2]	10,997	681,022	1.6
Brazil[3]	10,829	1,436,267	0.8
Japan	12,442	2,347,463	0.5
Australia	16,075	370,048	4.3
Vatican City	9,755	9,775	99.8
German D.R.	9,231	432,672	2.1
Yugoslavia[3]	7,982	360,397	2.2
Argentina[2]	7,882	491,473	1.6
Turkey	7,021	469,992	1.5
Greece[5]	6,683	167,957	4.0

** Source: Unesco* Statistical Yearbook 1988 *Table 3.11 "Education at the third level: number of foreign students enrolled", pp. III 355-359 and Table 3.7 "Education at the Third Level: Teachers and Students by Type of Institution", pp. III 169-205.*

[1]Source: Open Doors, 1985/86.
[2]Figure is for 1980.
[3]Figure is for 1982.
[4]Figure is for 1983.
[5]Figure is for 1984.

dent populations (U.S.S.R., Romania, Brazil) did not provide detailed information on the countries of origin of their foreign students.

Overall, Asia was the source of more than a quarter (27.6%) of the students in the top 50 receiving countries, and Africa (18.1%), Europe (18.6%), and the Middle East (18.1%) with the exception of Asia, each supplied about one-fifth of these students. Latin Americans accounted for 7.0%, North Americans for 4.1%, Oceanians (0.8%, and the Soviet Union for 0.2% of the students (**Table 1.6**).

Despite the tremendous expansion of the foreign student population in the United States, the growth there seems modest in comparison to growth in other leading host countries (**Table 1.4**). By way of comparison, the foreign student population of the United States increased by 141.7% between 1970 and 1986, while, in the same period, this population in France increased by 267.4% and between 1970 and 1985 and the Federal Republic of Germany's foreign student population increased by 185.8%. Some countries with smaller foreign student enrollments in 1970 experienced even higher percentage increases. Thus, the number of foreign students in Romania increased by 640% in the 1970-1985 period, and in Saudi Arabia it jumped by a phenomenal 1,131%. Most other leading countries experienced growth by a factor of roughly two, although some countries such as Greece, Turkey, Spain, and the Vatican City remained more or less stable.

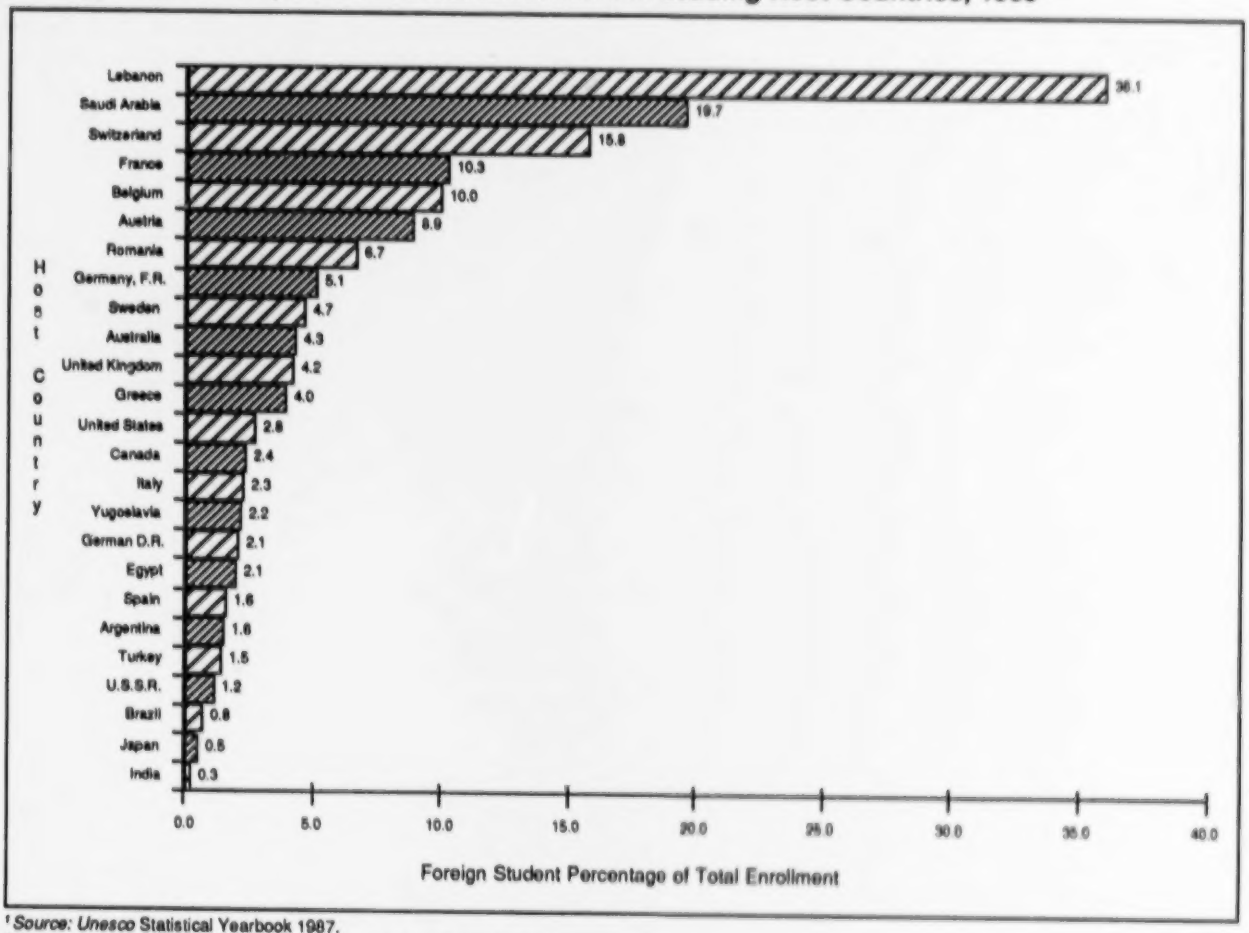
Interestingly, in some nations, including France and the United Kingdom, the bulk of the growth occurred in the early seventies, unlike the United States, which saw a period of major expansion in the latter part of that decade. The Federal Republic of Germany has experienced a steady rise of foreign students over the period, while Romania, and Saudi Arabia mirror the U.S. pattern. One country in which significant growth occurred in recent years was Belgium, where the foreign student population doubled between 1980 and 1985. In discussing these statistics, it is important to keep in mind the significant absolute numerical differences between enrollments in the United States and in other host countries. Despite the rapid growth elsewhere, the United States had in 1970 more students than any other country has had at any time since then.

Another measure of the significance of foreign students to the educational structure of the host countries relates to the proportion they form of the total higher education student body. In the U.S., as discussed earlier, international students make up only 2.7% of all higher education students. In most other leading nations, as **Table 1.5** and **Figure 1.B** show, they also constitute relatively small shares of the student bodies; in only five of the 25 leading countries did they account for more than 10% of the total student population. Not surprisingly, the student body of the Vatican City was composed almost entirely of foreign students. Other countries with high proportions of foreign students include Lebanon (36.2%), Switzerland (15.8%), Saudi Arabia (19.7%), and France (10.3%). Countries with particularly low percentages of foreign students include India (0.3%), Japan (0.5%), Brazil (0.8%), and the Soviet Union (1.2%).

The origins of international students in the leading host countries were diverse, as **Table 1.7** shows. In addition, each receiving country seems to have drawn a large plurality of its student population from a single world region. In the United States, for instance, 48.8% of all foreign students were from Asia. In France, 57.0% were from Africa, and in the Federal Republic of Germany, 40.7% were from Europe. Other countries also showed strong regional tendencies. One-third of the foreign students in Belgium (33.0%), and one-quarter of the students iin Czechoslovakia (25.4%) came from Africa, while some European countries drew more than half of their foreign student population from other parts

1.B (Unesco)[1]

Foreign Student Proportion of Total Enrollment in Leading Host Countries, 1985[2]



[1] *Source: Unesco* Statistical Yearbook 1987.
[2] *The Vatican City is not included.; 99.8% of its total enrollment is foreign.*

of Europe, these include Italy (57.3%), Sweden (69.4%), Switzerland (71.9%), Austria (64.8%), the Vatican City (53.7%), and the Netherlands (59.4%). Host nations with more than one-half of their students from the Middle East include Syria (87.4%), Turkey (83.9%), Greece (82.3%) and Kuwait (65.1%), Lebanon (62.2%), and Saudi Arabia (57.2%). As noted above, both of these regions showed strong intraregional student mobility.

Over one quarter of Spain's international students (26.5% were from Latin America, showing the strength of linguistic similarity. The vast majority of the foreign student populations of Australia and Japan (81.0% and 84.0%, respectively) and nearly half 44.4% of the foreign students in the Philippines came from Asia, once again showing intraregional mobility. Asians also constituted large percentages of international students in the United Kingdom (37.7%, Canada 48.7%), and the United States (48.8%).

Taken in its entirety, **Table 1.7** suggests that linguistic and cultural affinity, as well as geographic proximity and the strength of the host country's educational structure, are factors in the pattern of international student mobility.

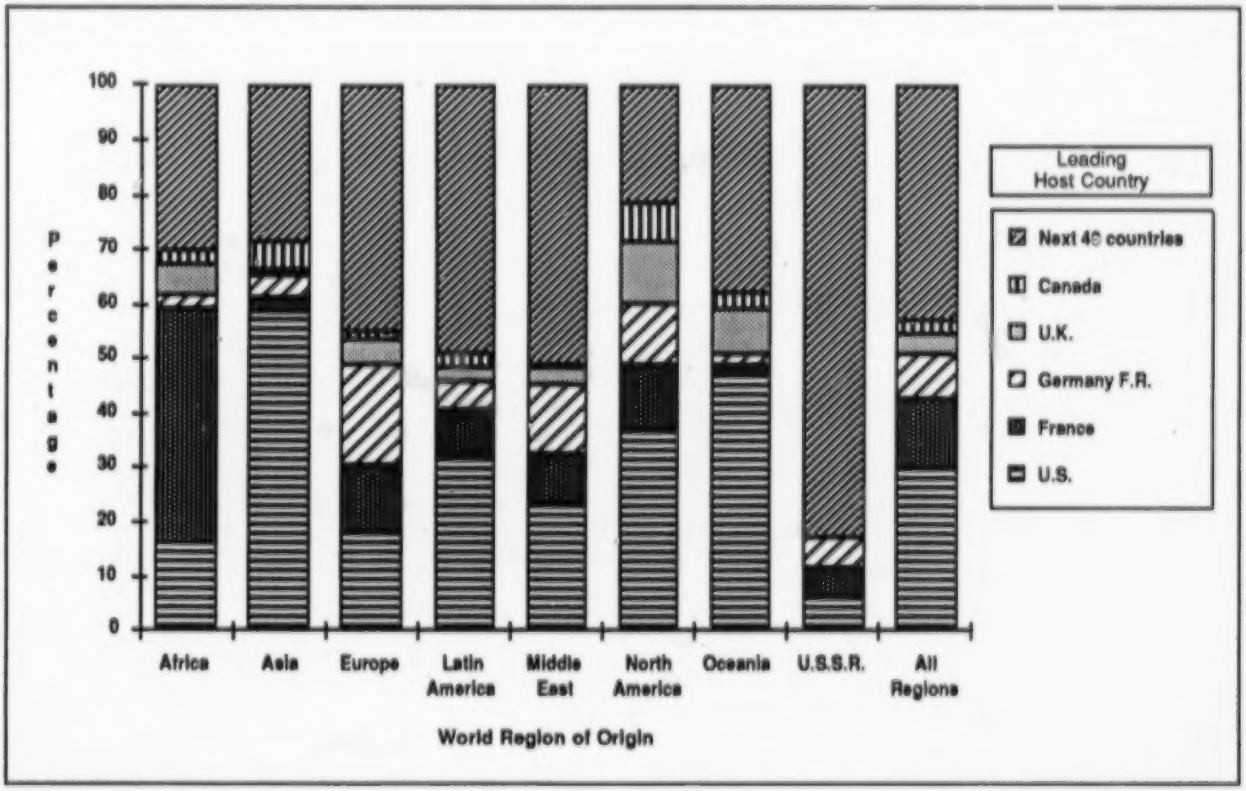
Foreign Student Flows by World Region of Origin. Preferences for countries of destination vary in different regions of the world, suggesting the importance of such factors as geographic proximity and linguistic compatibility. The countries of destination of students from the seven world regions and from the U.S.S.R., which is treated in Unesco's statistics as a separate world region, are presented in **Table 1.6** and **Figure 1.C.** Overall, the United States was the destination of nearly one-third (31.1%) of all foreign students, followed by France (13.4%), the Federal Republic of Germany (8.3%), the United Kingdom (3.5%) and Canada (2.7%).

TABLE 1.6 (Unesco)*

Leading Host Countries of Foreign Students by World Region of Origin[1]								
	Host Country[2]							
Region of Origin	U.S.	France	Germany, F.R.	U.K.	Canada	5 Leading Countries	Next 45[3] Countries	Total 50 Countries
Africa	16.4	42.6	2.7	5.8	2.5	70.0	30.0	169,777
Asia	58.5	2.5	4.5	1.0	5.1	71.6	28.4	259,514
Europe	18.1	12.2	18.4	4.9	1.4	50.0	44.9	175,420
Latin America	32.5	8.4	5.1	2.4	2.5	50.9	49.1	66,036
Middle East	23.7	9.0	12.6	3.2	0.6	49.0	51.0	170,658
North America	37.2	11.5	11.6	11.0	7.0	78.3	21.7	38,639
Oceania	47.2	1.6	2.2	8.2	3.3	62.4	37.6	7,910
U.S.S.R.	5.8	5.7	5.5	0.2	0.1	17.3	82.7	1,869
% of All Foreign Students	31.1	13.4	8.3	3.5	2.7	59.0	44.5	938,804

Source: Unesco Statistical Yearbook 1988, Table 3.12 "Education at the third level: foreign students by country of origin in 50 selected countries", pp. III 360-385.
[1]*Percentages are based on student numbers for each region of origin.*
[2]*Figures for the United States and France are for 1986; the Federal Republic of Germany from 1985; the United Kingdom from 1984; and Italy from 1983.*
[3]*Figures are for 1986 for most countries.*

1.C (Unesco)[1]
Leading Host Countries of Foreign Students by World Region of Origin



[1]*Source: Unesco Statistical Yearbook 1988*

TABLE 1.7 (Unesco)*

World Region of Origin of Foreign Students in Leading Host Countries[1]

Host Country[2]	World Region Of Origin								Foreign Enrollment[2]
	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	U.S.S.R.	
United States (1986)**	9.0	48.8	10.3	12.4	13.4	4.7	1.2	0.0	349,810
France (1986)	57.0	5.0	16.9	4.4	12.1	3.5	0.1	0.1	126,762
Germany, F.R. (1985)	5.8	14.6	40.7	4.3	27.0	5.6	0.2	0.1	79,354
United Kingdom (1984)	20.2	37.7	17.6	3.2	11.1	8.7	1.3	0.0	48,686
Italy (1983)	7.1	1.0	57.3	2.9	27.7	3.8	0.1	0.0	28,068
Canada (1986)	15.6	48.7	8.9	8.0	3.5	9.9	0.9	0.0	27,210
Lebanon (1984)	20.6	12.8	0.0	0.0	62.6	0.0	0.0	0.0	25,515
Belgium (1986)	33.0	4.5	48.6	3.7	6.5	1.7	0.0	0.0	20,095
Saudi Arabia (1986)	14.7	11.4	0.2	0.0	57.2	0.2	0.0	0.0	17,970
Australia (1985)	2.4	81.0	3.8	0.3	0.2	2.5	8.3	0.0	16,075
Austria (1986)	3.8	6.2	64.8	2.1	17.5	2.8	0.2	0.1	15,740
Japan (1986)	1.4	84.0	3.3	3.2	0.9	6.4	0.8	0.0	14,960
Switzerland (1986)	7.2	3.9	71.9	5.1	5.7	5.0	0.3	0.1	13,576
Syria (1985)	11.0	0.6	0.6	0.4	87.4	0.1	0.0	0.0	12,909
Egypt (1985)	60.7	1.0	0.5	0.0	37.6	0.1	0.0	0.0	12,235
Spain (1980)	3.7	0.5	11.1	26.5	12.9	5.6	0.1	0.0	10,997
Sweden (1984)	3.6	0.0	69.4	19.4	11.2	3.2	0.2	0.3	10,401
Vatican City (1985)	11.5	10.7	53.7	13.2	1.6	8.4	0.8	0.0	9,775
Germany, D.R. (1986)	22.8	41.0	20.5	9.5	0.0	0.0	0.0	6.3	9,613
Yugoslavia (1986)	10.1	1.2	46.4	0.5	40.7	0.7	0.1	0.1	7,426
Turkey (1986)	3.5	2.3	8.7	0.0	83.9	0.3	0.0	0.3	6,943
Greece (1982)	6.7	0.5	4.0	0.6	82.3	4.5	1.2	0.0	6,683
Netherlands (1985)	5.3	14.2	56.4	3.4	9.2	6.7	1.0	0.0	5,704
Philippines (1986)	4.9	44.4	9.8	0.0	12.4	10.8	0.0	0.0	4,640
Czechoslovakia (1986)	25.4	25.7	21.2	8.9	16.0	0.0	0.0	2.8	4,534
Kuwait (1985)	8.3	26.3	0.2	0.0	65.1	0.0	0.0	0.0	4,465
50 Leading Countries	**18.1**	**27.6**	**18.7**	**7.0**	**18.2**	**4.1**	**0.8**	**0.2**	**938,804**

* *Source: Unesco* Statistical Yearbook 1988 *Table 3.11"Education at the third level: number of foreign students enrolled," pp. III 355-359.*
** *Source:* Open Doors, 1986/87.
[1] *Percentages are based on the foreign student total for each reporting host country.*
[2] *Dates in parentheses represent the year on which percentages are based.*

Region by region, the result of the choices made, either by individual students or by sponsoring agencies, are as follows:

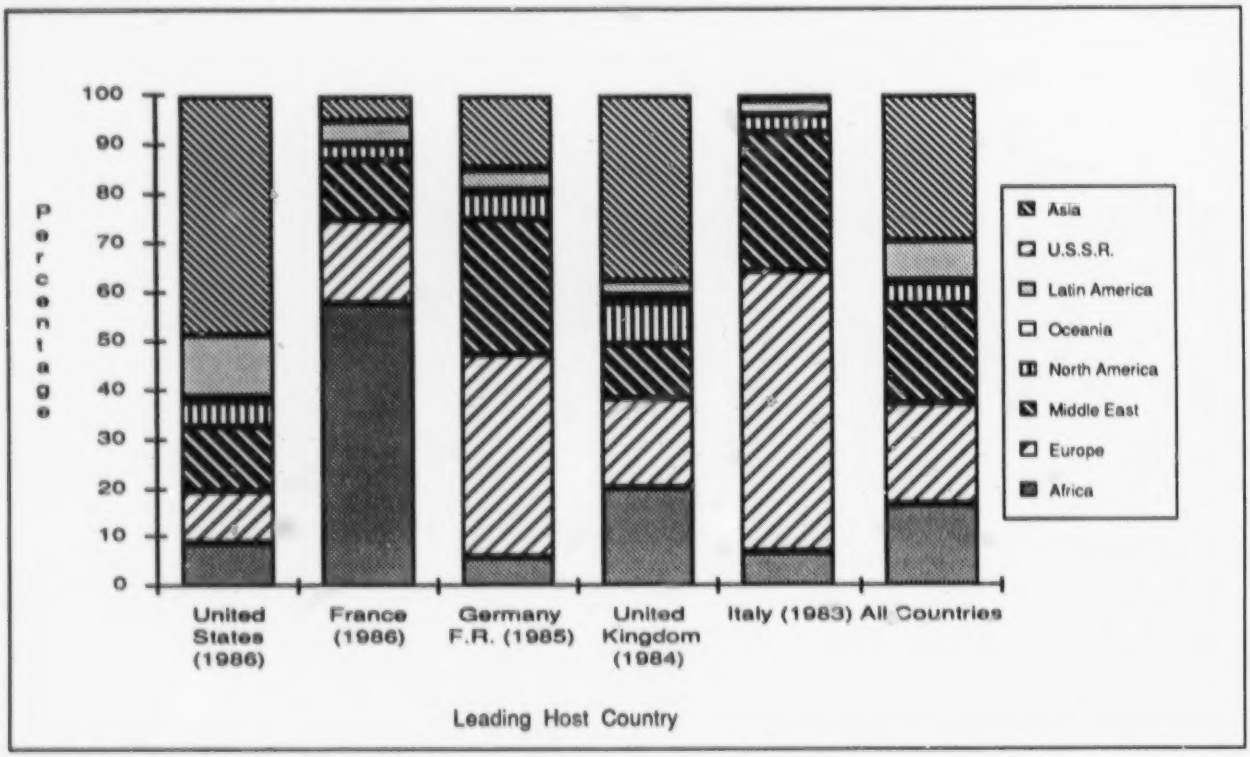
— More than four out of ten African students studied in France (42.6%), and almost two out of ten African students studied in the United States (16.4%).
— Europeans were more evenly distributed among the leading host countries, with 18.4% in the Federal Republic of Germany, 18.1% in the United States, and 12.2% in France.
— Middle Eastern students tended to select the United States (23.7%) and, to a much lesser extent, the Federal Republic of Germany (12.6%).
— Slightly fewer than four-tenths of North Americans (37.2%), consisting mainly of Canadians, studied in the United States, and substantial proportions studied in France (11.5%) and in West Germany (11.6).
— Nearly one-third of Latin American students (32.5%) chose the United States.
— Almost six out of ten students from Asia (58.5%) also went to the United States.
— Students from Oceania most often chose to study in the United States (47.2%).
— About one-fifth of Soviet students (17.3%) studied in one or another of the top five leading countries.

In examining these preferences and the resulting proportions of students who selected particular host countries, it is important to keep in mind that the results in absolute terms are vastly different from the results in percentage terms. Thus, half of all students from Oceania is a relatively small absolute number, while half of all students from Asia is over two hundred thousand students.

Foreign Student Flows by Country of Origin. Not only do regional groups exhibit diverse preferences for particular host countries, but students from particular countries do so as well.

1.D (Unesco)*

World Region of Origin of Foreign Students in Leading Host Countries



Source: Unesco Statistical Yearbook 1988.

In several countries, over half of students studying abroad chose to come or were sent to the United States (**Table 1.8**). The countries with the largest proportions of their students going to the United States were Canada (80.5%), India (79.4%), China* (75.5%), Japan (74.2%), and the Republic of Korea (67.7%). Other strong national preferences are also evident. Over three-fourths of all Moroccan and Algerian students abroad (79.9% and 77.2%, respectively) studied in France, while almost two-thirds (62.1%) of all students from Turkey went to the Federal Republic of Germany.

In some instances, there were clear preferences but lesser concentrations. Again, many of these patterns suggest the importance of geographic proximity, cultural affinity, or linguistic competences. Most foreign students from the United States went to the Federal Republic of Germany (19.6%), France (16.5%), the United Kingdom (16.4%), and Canada (12.0%).** Nearly two-thirds of the students going abroad from the United Kingdom studied in either the United States (37.4%), France (13.6%), or Germany (13.3%). Most West Germans studied in Austria (19.3%), the United States (19.4%), Switzerland (13.2%), or France (16.0%). A large proportion of Greek students were in Italy (35.7%), as well as in the Federal Republic of Germany (19.5%). Most Italian students studied in Austria (17.6%), the Vatican City (18.2%), or Belgium (14.3%).

Large proportions of Lebanese students studied in the United States (36.7%) or in France (33.2%). Students from Jordan tended to study in the United States (20.4%) or Lebanon (24.0%). Most Syrian students studied in Lebanon (38.1%) or France (18.8%).

About half of all Malaysian students abroad were in the United States (49.0%); an additional 19.6% were in Australia, and 11.4% were in the United Kingdom. Finally, the majority of foreign students from Hong Kong studied either in the United States (40.0%), Canada (27.7%), or the United Kingdom (23.7%).

The largest exodus for study abroad was from five countries: China (52,517 students), Malaysia (33,908 students), Iran (33,093 students), Greece (33,468 students), and Morocco (28,520 students). These large absolute numbers should be kept in mind in assessing the impact of high proportions of students selecting particular host countries. For example, Greek students in Italy or Moroccan students in France certainly are salient components of the foreign student profiles of those countries.

** Unesco data on China include figures for Taiwan.*

*** These Unesco data report on degree-seeking students and hence differ from IIE's data on U.S. student flows (see Chapter 12).*

TABLE 1.8 (Unesco)*

Distribution of Foreign Students Among Host Countries by Leading Place of Origin[1]

Host Country[2]	Country of Origin									
	China[3]	Malaysia	Iran	Greece	Morocco	Korea, Rep. of	Jordan	Hong Kong	Germany, F.R.	United States
United States (1986)	75.5	49.0	29.1	10.9	2.5	67.7	20.4	40.0	19.4	—
France (1986)	2.4	0.4	13.0	8.5	79.9	4.8	1.2	0.2	16.0	16.5
Germany F.R. (1985)	2.1	0.1	21.2	19.5	0.7	10.3	4.0	0.0	0	19.6
United Kingdom (1984)	0.7	11.4	4.7	6.2	0.2	0.8	1.9	23.7	6.6	16.4
Italy (1983)	0.1	0.0	9.5	35.7	0.0	0.0	5.8	0.0	7.5	4.7
Canada (1986)	2.8	4.1	0.6	0.9	2.3	0.6	0.2	27.7	1.4	12.0
Lebanon (1984)	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0
Belgium (1986)	0.4	0.3	0.8	2.2	8.3	0.1	0.0	0.0	2.6	1.3
Saudi Arabia (1986)	0.1	0.2	0.1	0.0	0.4	0.0	7.0	0.0	0.0	0.2
Australia (1985)	0.3	19.6	0.0	0.0	0.0	0.4	0.0	6.9	0.4	1.4
Austria (1986)	0.5	0.0	3.8	1.6	0.0	1.0	0.2	0.0	19.3	1.9
Japan (1986)	13.1	1.7	0.1	0.0	0.0	12.1	0.0	0.7	0.3	4.3
Switzerland (1986)	0.2	0.0	0.8	1.2	0.5	0.2	0.1	0.0	13.2	2.5
Syria (1985)	0.0	0.0	0.5	0.0	0.1	0.0	12.6	0.0	0.0	0.0
Egypt (1985)	0.0	0.0	0.1	0.1	0.0	0.0	2.4	0.0	0.0	0.0
Spain (1980)	0.0	0.0	1.7	0.3	0.9	0.0	1.2	0.0	0.9	3.0
Sweden (1984)	0.0	0.0	2.5	1.3	0.1	0.1	0.1	0.0	1.6	1.5
Vatican City (1985)	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.1	3.4
Germany, D.R. (1986)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yugoslavia (1986)	0.0	0.0	0.7	9.3	0.0	0.0	3.6	0.0	0.2	0.1
% share, 20 Leading Countries	98.4	87.0	89.3	97.7	96.1	98.5	84.9	99.3	90.5	88.8
Total, 50 Leading Countries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 1.8—continued

Host Country[2]	Country of Origin									
	India	Japan	Canada	Italy	Nigeria	Syria	Turkey	Lebanon	United Kingdom	Algeria
United States (1986)	79.4	74.2	80.5	10.4	62.4	10.2	13.6	36.7	37.4	4.8
France (1986)	1.2	4.3	6.1	8.4	3.9	18.8	4.7	33.2	13.6	77.2
Germany F.R. (1985)	2.9	6.3	2.5	13.3	1.7	2.8	62.1	2.0	13.3	2.7
United Kingdom (1984)	4.1	2.1	4.7	2.6	17.3	0.9	1.0	1.0	0.0	4.3
Italy (1983)	0.4	0.0	0.5	0.0	3.1	1.5	0.8	4.4	1.2	0.0
Canada (1986)	4.1	1.1	0.0	0.5	1.3	0.2	0.5	0.9	8.4	1.5
Lebanon (1984)	0.0	0.0	0.0	0.0	0.0	38.1	0.0	0.0	0.0	0.0
Belgium (1986)	0.4	0.1	0.4	14.3	0.3	0.6	1.7	3.2	1.6	3.0
Saudi Arabia (1986)	1.4	0.0	0.0	0.0	0.8	5.4	1.3	0.7	0.1	0.3
Australia (1985)	1.0	1.1	0.7	0.1	0.3	0.0	0.0	0.0	1.8	0.0
Austria (1986)	0.4	1.1	0.3	17.6	0.6	0.5	5.0	0.2	0.9	0.2
Japan (1986)	0.5	0.0	0.4	0.2	0.1	0.0	0.1	0.0	0.7	0.0
Switzerland (1986)	0.3	0.3	0.9	10.3	0.1	0.3	1.2	0.7	2.2	0.7
Syria (1985)	0.0	0.0	0.0	0.0	0.0	0.0	0.7	7.9	0.0	1.3
Egypt (1985)	0.0	0.0	0.0	0.1	0.0	1.0	0.0	0.6	0.0	0.1
Spain (1980)	0.1	0.1	0.0	0.8	0.1	1.9	0.0	1.0	0.6	0.0
Sweden (1984)	0.2	0.2	0.2	0.5	0.2	0.1	0.9	0.0	1.7	0.2
Vatican City (1985)	2.7	0.2	0.7	18.4	3.0	0.1	0.0	0.7	1.2	0.0
Germany, D.R. (1986)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yugoslavia (1986)	0.0	0.0	0.1	0.0	0.2	5.9	0.5	0.8	0.0	1.2
% share, 20 Leading Countries	99.0	91.4	98.1	97.3	95.4	88.2	94.3	94.0	84.7	97.5
Total, 50 Leading Countries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

** Source: Unesco* Statistical Yearbook 1988, *Table 3.12 "Education at the third level: foreign students by country of origin in 50 selected countries", pp. III 360-365.*

[1] Percentages are based on the student total from each country of origin. Blanks indicate less than 0.1%.

[2] Dates in parentheses represent the year on which percentages are based. Host countries that reported large numbers of foreign students, but did not report the necessary country-of-origin data are omitted from this table: Soviet Union, Romania, Sweden, and Brazil.

[3] Unesco data on China include figures for Taiwan.

TABLE 1.9

Country of Origin of Foreign Students Within Selected Leading Host Countries

Leading Place of Origin	Host Country				
	United States[1]	France[2]	Germany, F.R[3]	United Kingdom[4]	Canada[5]
China	29,040	1,488	1,877	5,600	2,657
Taiwan	28,760	3,280	658	157	163
Malaysia	16,170	154	—	5,600	1,412
Iran	8,950	4,414	8,793	2,023	249
Greece	4,360	2,663	6,208	2,289	310
Morocco	1,020	23,070	294	49	489
Korea, Rep. of	20,610	1,258	3,340	183	178
Jordan	4,940	317	963	591	62
Hong Kong	10,560	42	—	6,935	5,843
Germany, F.R.	6,340	3,660	—	1,496	402
United States	—	3,473	7,970	3,438	2,960
India	23,350	232	565	—	898
Japan	24,000	851	1,158	402	319
Canada	16,030	1,067	424	805	—
Italy	2,370	1,492	2,307	464	79
Nigeria	6,150	587	235	3,221	216
Syria	1,710	3,008	450	176	34
Turkey	3,010	763	9,790	190	109
Lebanon	5,130	4,794	307	182	165
United Kingdom	6,800	2,086	2,002	—	572
Indonesia	8,720	402	2,131	—	385
Algeria	580	10,082	300	562	235
France	4,880	—	2,650	—	1,073
Egypt	1,850	715	761	622	153
Sudan	570	118	—	—	21
Tunisia	720	7,131	485	—	370
Cyprus	1,710	—	658	—	33
Spain	3,050	2,768	1,804	234	81
Singapore	4,460	33	—	1,271	1,136
Pakistan	7,050	51	199	—	120
Cameroon	1,410	4,796	311	193	313
Saudi Arabia	4,970	62	—	—	176
Mexico	5,780	580	256	—	231
Venezuela	3,040	291	134	109	86
Iraq	800	432	386	1,568	53
Brazil	3,300	1,119	633	—	203
Total, Leading Senders	**272,190**	**87,259**	**58,049**	**38,360**	**21,786**
% of All Foreign Students	**74.3**	**70.4**	**71.6**	**68.4**	**74.0**
Total, All Foreign Students	**366,354**	**123,978**	**81,090**	**56,121**	**29,437**

[1] *Source:* Open Doors 1988.
[2] *Source: Ministere de lEducation Nationale, Tableaux Statistiques des Etudiants Inscrites dans les Etablissments Universaires, 1987-88.*
[3] *Source: Federal Ministry of Education and Science Germany F.R., Basic and Structural Data 1988/89.*
[4] *Source: Statistics of students from abroad in the United Kingdom 1984/85, The British Council.*
[5] *Source: Canadian Bureau for International Education; figures are for 1988/89.*

Table 1.9 shows the countries of origin of foreign students in five of the host countries with the most foreign students in the world. These data were collected directlyf from host countries and are more current than the Unesco data. Information is presented for five of the top six receiving countries in the world; only the U.S.S.R. is not included because country of origin information is not available. All of the major sending countries identified through Unesco data appear again as important sources of foreign students; they are here shown to have at least 1,000 students in one or more of the major receiving countries.

2. GEOGRAPHIC ORIGIN

This chapter and those which follow discuss the characteristics of foreign students attending accredited institutions of higher education in the United States, based on the 1988/89 Census of Foreign Students. The Census is conducted by the Institute of International Education. Chapter 2 presents data on the students' world region, subregion, and leading countries or other places of origin. Foreign student subgroups will be discussed separately, according to world region of origin. Regional subgroups will be presented in in descending order of enrollments, beginning with Asians* and ending with North Americans and Oceanians.

** Refers to students from Asia, which was formerly referred to as South and East Asia in this publication. The region comprises the subregions of East Asia, Southeast Asia and South Central Asia, but does not include the Middle East. For specific countries within each subregion, see Appendix A4.*

TABLE 2.0

Foreign Students by World Region of Origin and Percent Change, 1987/88-1988/89

World Region	Foreign Students		
	1987/88	1988/89	% Change
Africa	28,450	26,430	-7.1
Asia	180,540	191,430	6.0
Europe	38,820	42,770	10.2
Latin America	44,550	45,030	1.1
Middle East	43,630	40,200	-7.9
North America	16,360	16,730	2.3
Oceania	3,620	3,610	-0.3
All Foreign Students	356,190[1]	366,350[2]	2.9

[1] Includes 220 students classified as stateless.
[2] Includes 150 students classified as stateless.

2.A
Foreign Students by World Region of Origin, 1954/55 - 1988/89

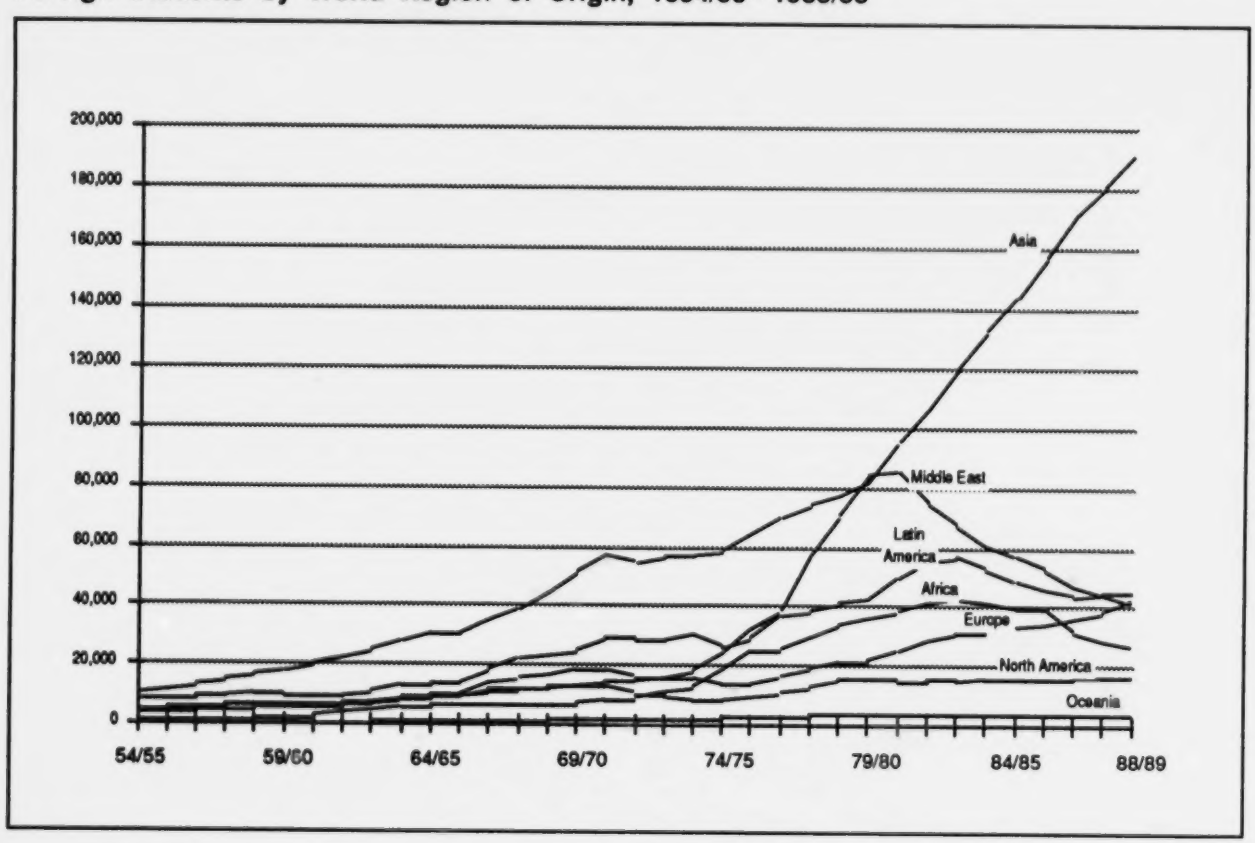


TABLE 2.1

Foreign Students by World Region of Origin, 1954/55-1988/89

Year	Africa		Asia		Europe		Latin America		Middle East		North America		Oceania		YEAR TOTAL[1]
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	
1954/55	1,234	3.6	10,175	29.7	5,205	15.2	8,446	24.7	4,079	11.9	4,714	13.8	337	1.0	34,232
1955/56	1,231	3.4	11,625	31.9	5,504	15.1	8,474	23.2	4,239	11.6	5,042	13.8	353	0.9	36,494
1956/57	1,424	3.5	13,429	33.0	6,005	14.8	9,110	22.4	4,763	11.9	5,444	13.4	424	1.0	40,666
1957/58	1,515	3.5	14,786	34.1	6,837	15.8	9,212	21.2	5,115	11.8	5,354	12.3	495	1.1	43,391
1958/59	1,735	3.7	16,486	34.9	6,606	14.0	10,249	21.7	5,956	12.6	5,512	11.6	612	1.3	47,245
1959/60	1,959	4.0	17,808	36.7	6,392	13.2	9,428	19.4	6,477	13.4	5,761	11.9	568	1.2	48,486
1960/61	2,831	5.3	19,988	37.6	6,702	12.6	9,626	18.1	7,096	13.4	6,128	11.6	658	1.2	53,107
1961/62	3,930	6.8	22,451	38.7	6,833	11.8	9,915	17.1	7,394	12.7	6,639	11.4	796	1.4	58,086
1962/63	4,996	7.7	24,728	38.2	7,923	12.2	11,021	17.0	7,887	12.2	7,089	11.0	948	1.5	64,705
1963/64	6,144	8.2	27,682	37.0	9,348	12.5	12,882	17.2	8,980	12.0	8,548	11.4	1,080	1.5	74,814
1964/65	6,855	8.4	30,640	37.4	10,108	12.3	13,657	16.6	9,977	12.1	9,338	11.4	1,265	1.5	82,045
1965/66	6,896	8.3	30,371	36.7	10,226	12.4	13,998	16.9	9,895	12.0	9,851	11.9	1,325	1.6	82,709
1966/67	7,170	7.2	34,999	34.9	14,207	14.2	18,182	18.1	11,401	11.4	12,230	12.2	1,635	1.6	100,262
1967/68	6,901	6.3	38,672	35.1	15,556	14.1	21,908	19.9	11,903	10.7	12,236	11.1	1,683	1.5	110,315
1968/69	6,979	5.8	44,212	36.4	16,453	13.6	23,438	19.3	12,338	10.2	12,948	10.7	1,869	1.5	121,362
1969/70	7,607	5.6	51,033	37.8	18,524	13.7	24,991	18.5	13,278	9.9	13,415	9.9	2,077	1.5	134,959
1970/71	8,734	6.0	56,459	39.0	18,306	12.7	29,300	20.2	14,840	10.3	12,732	8.8	1,995	1.4	144,708
1971/72	9,592	6.8	54,276	38.7	16,219	11.6	28,832	20.6	14,651	10.5	10,541	7.5	2,131	1.5	140,126
1972/73	11,465	7.8	56,486	38.7	16,296	11.2	28,383	19.4	16,278	11.1	9,805	6.7	2,107	1.4	146,097
1973/74	12,937	8.6	57,072	37.8	15,539	10.3	30,276	20.0	18,381	12.2	8,883	5.9	2,375	1.6	151,066
1974/75	18,400	11.9	58,460	37.8	13,740	8.9	26,270	17.0	23,910	15.5	8,630	5.6	2,650	1.7	154,580
1975/76	25,290	14.1	64,540	36.0	14,400	8.1	29,820	16.6	32,590	18.2	9,720	5.4	2,740	1.5	179,340
1976/77	25,860	12.7	70,020	34.5	16,700	8.2	37,240	18.4	38,490	18.9	11,420	5.6	3,150	1.6	203,070
1977/78	29,560	12.6	73,760	31.3	19,310	8.2	38,840	16.5	57,210	24.3	12,920	5.5	3,810	1.6	235,510
1978/79	33,990	12.9	76,850	29.1	21,690	8.2	41,120	15.6	70,430	26.6	15,520	5.9	4,150	1.6	263,940
1979/80	36,180	12.6	81,730	28.6	22,570	7.9	42,280	14.8	83,700	29.2	15,570	5.4	4,140	1.4	286,340
1980/81	38,180	12.2	94,640	30.4	25,330	8.1	49,810	16.0	84,710	27.2	14,790	4.7	4,180	1.3	311,880
1981/82	41,660	12.8	106,160	32.5	28,990	8.9	55,360	17.0	74,390	22.8	15,460	4.7	4,000	1.2	326,300
1982/83	42,690	12.7	119,650	35.5	31,570	9.4	56,810	16.9	67,280	19.9	14,570	4.3	4,040	1.2	336,990
1983/84	41,690	12.3	132,270	39.0	31,860	9.4	52,350	15.5	60,660	17.9	15,670	4.6	4,090	1.2	338,890
1984/85	39,520	11.6	143,680	42.0	33,350	9.7	48,560	14.2	56,580	16.5	15,960	4.7	4,190	1.2	342,110
1985/86	39,190	9.9	156,830	45.6	34,310	10.0	45,480	13.2	52,720	15.3	16,030	4.7	4,030	1.2	343,780
1986/87	31,580	9.1	170,700	48.8	36,140	10.3	43,480	12.4	47,000	13.4	16,300	4.7	4,230	1.2	349,610
1987/88	28,450	8.0	180,540	50.7	38,820	10.9	44,550	12.5	43,630	12.2	16,360	4.6	3,620	1.0	356,190
1988/89	26,430	7.2	191,430	52.2	42,770	11.7	45,030	12.3	40,200	11.0	16,730	4.6	3,610	1.0	366,350

[1] *Includes students classified as stateless or of unknown origin.*

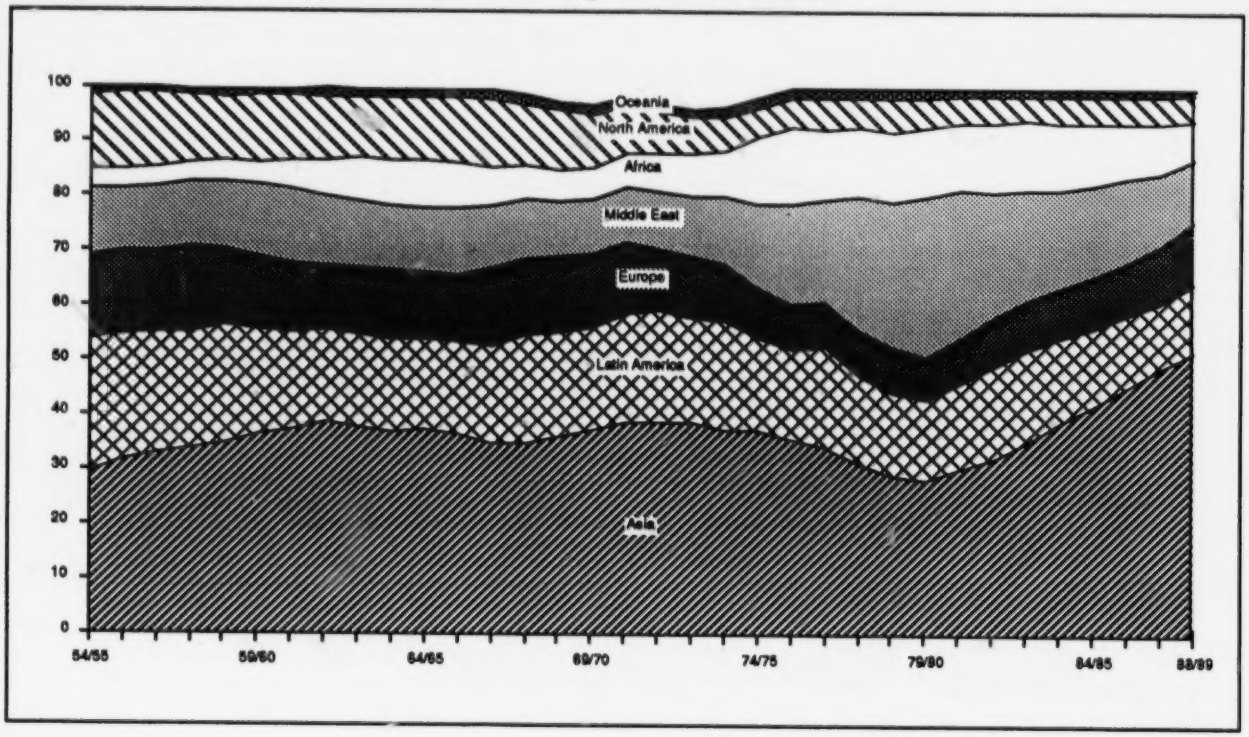
WORLD REGION OF ORIGIN AND LEADING PLACES WITHIN WORLD REGION

ASIA

For the second year in a row, Asian students accounted for more than one-half of the total foreign student population in the United States. Of the 366,350 students in the United States, 191,430, or 52.2%, came from that region (**Table 2.0**). Flows from Asia increased substantially: in absolute terms there were 10,890 more Asians than in the previous year, by far the highest gain in actual numbers of students, representing a rate of increase of 6%. As **Table 2.0** shows, in two successive years the number of Asian students has exceeded the number of students from all other world regions combined.

Within Asia, the subregion from which the largest number of students came was East Asia, which, with 113,140 students, accounted for 59.1% of the total Asian foreign student population or 30.9% of the total foreign student population (**Table 2.2**). Southeast Asia was home to 42,790 students, representing a little over one-quarter (22.4%) of the Asian students, a decline of 3.6% in the past year; and the remaining 35,500 or 18.5% of Asians were from countries in South and Central Asia. To grasp the scale of the Asian student

2.B
Foreign Students by World Region of Origin, 1954/55 - 1988/89



flows effectively it is helpful to compare them to flows from other world regions. Thus, although the 42,790 students from Southeast Asia comprised only 22.4% of the Asian total, this number is almost as high as the total number of students coming from Latin America, 45,030 (**Table 2.2**).

Asians have always constituted the largest regional group of students, except in 1979/80, when the Middle East was the leading region of origin (**Figure 2.B**). The Asian share of the foreign student population was as low as 30% in the mid-fifties but rose substantially in the following two decades. After a small drop in the late seventies, it continued to climb, the biggest increases occurring since 1982/83.

Leading Places Within Asia. The five biggest sources of foreign students from the Asian region were China (29,040), Taiwan (28,760), Japan (24,000) India (23,350), and the Republic of Korea (26,610) (**Table 2.5**). Together they accounted for 65.7% of the region's total (**Table 2.3**) and nearly one-third (34.3%) of the world total. It is interesting to note that the top six "sending" countries or places in the world are all in Asia, as are ten of the top fifteen (**Tables 2.4** and **2.5**). It is also significant that five of the ten fastest growing national foreign student groups are from Asia (**Table 2.6**).

The Asian countries and other places sending the most foreign students to the United States have changed over the years. China has displaced Taiwan as the place of origin of the largest number of students, not only in the region but also in the world. Taiwan, long the place of origin of largest numbers of students, is now in second place. The proportion of students from Japan increased significantly (33%), so that Japan is once again among the five leading Asian countries with 12.5% of Asian students. The number and proportion of students from India increased by 11.1%, while the flow from the Republic of Korea increased minimally. The shares of students from Malaysia dropped by as much as 17%, and those from Indonesia and Hong Kong by smaller amounts, 3.2% and 0.8%, respectively as shown in **Table 2.5**.

LATIN AMERICA

Latin American students continue to be the second largest regional group in the United States this year, in spite of a small increase of only 1.1% over the previous year. There were 45,030 of them studying in the U.S. in 1988/89, up 480 from 1987/88 (**Table 2.0**), constituting one-eighth (12.3%) of the total foreign student population. No single Latin American subregion dominated to a great extent; as **Table 2.2** shows, four out of ten students (40.5% or 18,220) were from South America, slightly more than three out of ten (33.0% or 14,850)

TABLE 2.2

Foreign Students by World Region and Subregion of Origin, 1987/88-1988/89

Region/ Subregion	1987/88		1988/89	
	Foreign Students	% of Region	Foreign Students	% of Region
Africa	**28,450**	**100.0**	**26,430**	**100.0**
Eastern Africa	6,700	23.6	7,040	26.6
Central Africa	1,880	6.6	1,890	7.2
North Africa	5,360	18.8	5,030	19.0
Southern Africa	2,770	9.7	2,830	10.7
West Africa	11,740	41.3	9,640	36.5
Asia	**180,540**	**100.0**	**191,430**	**100.0**
East Asia	101,210	56.1	113,140	59.1
South and Central Asia	32,410	18.0	35,500	18.5
Southeast Asia	46,920	26.0	42,790	22.4
Europe	**38,820**	**100.0**	**42,770**	**100.0**
Eastern Europe	2,000	5.2	2,460	5.8
Western Europe	36,820	94.8	40,310	94.2
Latin America	**44,550**	**100.0**	**45,030**	**100.0**
Caribbean	11,580	26.0	11,960	26.5
Central America	14,550	32.7	14,850	33.0
South America	18,420	41.3	18,220	40.5
Middle East	**43,630**	—	**40,200**	—
North America	**16,360**	—	**16,730**	—
Oceania	**3,620**	—	**3,610**	—
Stateless	**220**		**150**	
All Foreign Students	**356,190**		**366,350**	

were from Central America, and the remaining 26.5% or 11,960 were from the Caribbean countries.

Latin Americans, as seen in **Table 2.1**, were the second largest group of foreign students until the mid-seventies, at which point Middle Easterners appeared in second place. In subsequent years, the Latin American share of the foreign student body fell substantially, the drop being particularly steep in the eighties. As a result, they remained in third place until 1986/87. The following year, however, students from this region regained second place, mailny as a result of the dramatic decline in Middle Eastern enrollments.

Leading Countries in Latin America. The Latin American countries from which the largest numbers of foreign students came to the U.S were Mexico, with 5,780 students or 12.8% of all students from this region; Colombia, with 3,390 or 7.5%; Brazil, with 3,330 or 7.3%; Venezuela, with 3,050 or 6.8%, and Jamaica, with 2,370 or 5.4%. (**Tables 2.3** and **2.4**). The national origins of Latin Americans were more heterogeneous than those of any other regional group. The students from the five leading countriesin Latin America accounted for only 39.8% of the Latin American total, unlike the other world regions, where students from the leading countries accounted for at least one-half of the regional total.

Throughout the history of the Census, Mexico, Venezuela, and Colombia have always been among the top five Latin American sending countries, but their ranking has fluctuated (**Table 2.3**). In the early 80's Venezuela led with about two tenths of all Latin American students, although before 1979/80 its share was only one-tenth. In more recent years, Venezuela's proportion fell steadily, reaching 11.2% and second place in 1986/87 and dropping to fifth place this year. Cuba ranked high among leading countries from 1954/55 to 1969/70, leading the region beginning in 1964/65, but it disappeared from the ranks of leading countries by 1974/75. In 1986/87, Peru replaced Jamaica as a leading country from the region.

MIDDLE EAST

The Middle Easterners, who were the second largest subgroup of foreign students beginning in 1976/77, have dropped to fourth place, being surpassed by Latin Americans by in 1987/88 and now also by Europeans. The 40,200 students from this region constituted 11.0% of the foreign student population. For the eighth year in a row, Middle Eastern enrollments shrank substantially; there were 3,430 or 7.9% fewer students in the United States in 1888/89 than in 1987/88 (**Tables 2.0** and **2.1**). This represents the largest numerical decline for any world region. Historically, the numbers of students from the Middle East rose very rapidly in the latter half of the seventies, mainly due to increased flows from Iran and other OPEC countries. Enrollments from this region peaked in 1979/80, making the Middle Easterners the largest regional group in that year, accounting for about 30% of all foreign students. Since then, their numbers have fallen steadily and rapidly, primarily due to declining numbers of Iranians and Saudi Arabians.

Leading Countries in the Middle East. Iran has been the leading country in the region every year that IIE has administered the Annual Census, although the proportion that Iranians make up of all Middle Eastern students has decreased significantly since the high point of 1979/80. While in 1979/80 Iranians made up 61.3% of the regional total, now they are 22.3% of the total, with 8,964 students. Other significant countries in the Middle East include Lebanon with 5,130 students (12.8% of all Middle Easterners), Saudi Arabia with 4,970 (12.4%), Jordan with 4,940 (12.3%), and Turkey with 2,730 (7.5%). These countries accounted for

TABLE 2.3

Percent Share of Foreign Students From Leading Countries or Other Places Within World Region of Origin, Selected Years, 1954/55-1988/89

	Africa		Asia		Europe		Latin America		Middle East	
	Locality	%	Locality	%	Locality	%	Locality	%	Locality	%
1954/55										
	Egypt	28.4	China[1]	25.1	Greece	16.9	Colombia	15.4	Iran	24.4
	Nigeria	21.7	India	16.4	Germany, F.R.	14.6	Mexico	14.8	Israel	19.4
	Liberia	15.2	Japan	15.4	United Kingdom	13.6	Venezuela	10.4	Iraq	15.9
	South Africa	12.7	Philippines	14.5	France	9.1	Cuba	8.5	Jordan	14.9
	Ghana	6.6	Korea, Rep. of	11.8	Netherlands	7.2	Jamaica	6.3	Turkey	9.7
	TOTAL	**84.6**	**TOTAL**	**83.2**	**TOTAL**	**61.4**	**TOTAL**	**55.4**	**TOTAL**	**84.3**
1959/60										
	Egypt	25.0	China[1]	25.5	Greece	17.1	Mexico	14.4	Iran	38.7
	Nigeria	13.2	India	21.2	United Kingdom	15.5	Venezuela	11.9	Turkey	12.9
	South Africa	9.2	Korea, Rep. of	13.9	Germany, F.R.	11.3	Cuba	9.9	Israel	12.5
	Ethiopia	8.7	Japan	12.2	France	8.9	Jamaica	9.6	Iraq	10.4
	Liberia	8.7	Philippines	9.7	Italy	6.9	Colombia	7.3	Lebanon	9.1
	TOTAL	**64.8**	**TOTAL**	**82.5**	**TOTAL**	**59.7**	**TOTAL**	**53.1**	**TOTAL**	**83.6**
1964/65										
	Nigeria	20.2	India	22.2	United Kingdom	19.4	Cuba	11.5	Iran	37.3
	Egypt	18.7	Taiwan	22.1	Greece	15.3	Mexico	10.0	Israel	15.4
	Kenya	11.3	Japan	11.5	Germany, F.R.	14.9	Colombia	8.8	Turkey	10.7
	South Africa	5.7	Hong Kong	10.7	France	8.2	Jamaica	8.7	Iraq	9.2
	Liberia	4.6	Korea, Rep. of	8.5	Italy	6.4	Venezuela	8.6	Lebanon	7.0
	TOTAL	**60.5**	**TOTAL**	**74.6**	**TOTAL**	**64.2**	**TOTAL**	**47.6**	**TOTAL**	**79.6**
1969/70										
	Nigeria	24.3	Taiwan	23.6	United Kingdom	22.8	Cuba	18.0	Iran	39.0
	Egypt	13.3	India	22.2	Germany, F.R.	14.2	Mexico	10.0	Israel	17.2
	Ethiopia	7.1	Hong Kong	14.1	France	10.7	Colombia	8.2	Turkey	9.9
	Ghana	7.1	Thailand	8.6	Greece	9.8	Venezuela	6.9	Saudi Arabia	7.7
	Kenya	6.5	Japan	8.1	Italy	6.3	Jamaica	5.4	Lebanon	7.7
	TOTAL	**58.3**	**TOTAL**	**76.6**	**TOTAL**	**63.8**	**TOTAL**	**48.5**	**TOTAL**	**81.5**
1974/75										
	Nigeria	39.2	Hong Kong	18.9	United Kingdom	20.1	Mexico	15.2	Iran	57.6
	Ethiopia	11.1	Taiwan	17.5	Greece	13.7	Venezuela	10.2	Israel	10.0
	Ghana	7.3	India	16.5	Germany, F.R.	11.7	Colombia	9.1	Lebanon	6.6
	Egypt	5.3	Thailand	10.7	France	11.7	Brazil	7.5	Saudi Arabia	6.4
	Libya	5.3	Japan	10.1	Italy	5.2	Jamaica	6.8	Turkey	5.9
	TOTAL	**68.2**	**TOTAL**	**73.7**	**TOTAL**	**62.4**	**TOTAL**	**48.8**	**TOTAL**	**86.5**
1979/80										
	Nigeria	45.2	Taiwan	21.5	United Kingdom	19.0	Venezuela	23.3	Iran	61.3
	Libya	8.4	Japan	15.0	Germany, F.R.	13.3	Mexico	13.4	Saudi Arabia	11.4
	Kenya	5.1	Hong Kong	12.1	Greece	13.3	Colombia	7.6	Lebanon	7.2
	Ghana	5.0	India	10.7	France	10.0	Brazil	6.9	Jordan	5.6
	Egypt	4.6	Thailand	8.0	Italy	4.9	Jamaica	5.1	Israel	3.3
	TOTAL	**68.3**	**TOTAL**	**67.3**	**TOTAL**	**65.4**	**TOTAL**	**56.3**	**TOTAL**	**88.8**
1984/85										
	Nigeria	46.5	Taiwan	15.7	United Kingdom	18.1	Venezuela	21.2	Iran	29.4
	Egypt	6.1	Malaysia	15.1	Greece	14.6	Mexico	11.8	Saudi Arabia	13.7
	Ethiopia	5.4	Korea, Rep. of	11.4	Germany, F.R.	12.6	Colombia	8.4	Lebanon	12.3
	Kenya	4.8	India	10.2	France	10.2	Brazil	5.7	Jordan	11.9
	South Africa	4.1	Japan	9.2	Norway	5.4	Jamaica	4.5	Kuwait	7.0
	TOTAL	**66.9**	**TOTAL**	**61.6**	**TOTAL**	**60.9**	**TOTAL**	**51.6**	**TOTAL**	**74.3**
1988/89										
	Nigeria	25.2	China	15.2	United Kingdom	15.9	Mexico	12.8	Iran	22.3
	South Africa	8.9	Taiwan	15.0	Germany, F.R.	14.8	Colombia	7.5	Lebanon	12.8
	Kenya	8.7	Japan	12.5	France	11.4	Brazil	7.3	Saudi Arabia	12.4
	Ethiopia	7.9	India	12.2	Greece	10.2	Venezuela	6.8	Jordan	12.3
	Egypt	7.6	Korea, Rep. of	10.8	Spain	7.1	Jamaica	5.4	Turkey	7.5
	TOTAL	**58.3**	**TOTAL**	**65.7**	**TOTAL**	**59.4**	**TOTAL**	**39.8**	**TOTAL**	**67.3**

[1]*Refers to Taiwan, Hong Kong, and Macao.*

TABLE 2.4

Leading Countries or Other Places of Origin of Foreign Students and Percent Share, Selected Years, 1954/55-1988/89

1954/55

Locality	Foreign Students	% of Total
1. Canada	4,655	13.6
2. China[1]	2,553	7.5
3. India	1,673	4.9
4. Japan	1,572	4.6
5. Philippines	1,476	4.3
6. Colombia	1,301	3.8
7. Mexico	1,247	3.6
8. Korea, Rep. of	1,197	3.5
9. Iran	997	2.9
10. Venezuela	882	2.6
11. Greece	881	2.6
12. Israel	790	2.3
13. Germany, F.R.	759	2.2
14. Cuba	717	2.1
15. United Kingdom	710	2.1
TOTAL	**21,410**	**62.6**

1959/60

Locality	Foreign Students	% of Total
1. Canada	5,679	11.7
2. China[1]	4,546	9.4
3. India	3,772	7.8
4. Iran	2,507	5.2
5. Korea, Rep. of	2,474	5.1
6. Japan	2,168	4.5
7. Philippines	1,722	3.6
8. Mexico	1,356	2.8
9. Venezuela	1,126	2.3
10. Greece	1,095	2.3
11. Thailand	1,006	2.1
12. United Kingdom	993	2.0
13. Cuba	935	1.9
14. Jamaica	902	1.9
15. Turkey	835	1.7
TOTAL	**31,116**	**64.3**

1964/65

Locality	Foreign Students	% of Total
1. Canada	9,253	11.3
2. India	6,813	8.3
3. Taiwan	6,780	8.3
4. Iran	3,719	4.5
5. Japan	3,386	4.1
6. Hong Kong	3,279	4.0
7. Korea, Rep of	2,604	3.2
8. Philippines	2,473	3.0
9. United Kingdom	1,959	2.4
10. Thailand	1,630	2.0
11. Cuba	1,565	1.9
12. Greece	1,543	1.9
13. Israel	1,539	1.9
14. Germany, F.R.	1,504	1.8
15. Nigeria	1,382	1.7
TOTAL	**49,429**	**60.3**

1969/70

Locality	Foreign Students	% of Total
1. Canada	13,318	9.9
2. Taiwan	12,029	8.9
3. India	11,327	8.4
4. Hong Kong	7,202	5.3
5. Iran	5,175	3.8
6. Cuba	4,487	3.3
7. Thailand	4,372	3.2
8. United Kingdom	4,216	3.1
9. Japan	4,156	3.1
10. Korea, Rep. of	3,991	3.0
11. Philippines	2,782	2.1
12. Germany, F.R.	2,634	2.0
13. Mexico	2,501	1.9
14. Israel	2,288	1.7
15. Colombia	2,045	1.5
TOTAL	**82,523**	**61.2**

1974/75

Locality	Foreign Students	% of Total
1. Iran	13,780	8.9
2. Hong Kong	11,060	7.2
3. Taiwan	10,250	6.6
4. India	9,660	6.2
5. Canada	8,430	5.5
6. Nigeria	7,210	4.7
7. Thailand	6,250	4.0
8. Japan	5,930	3.8
9. Mexico	4,000	2.6
10. Korea, Rep. of	3,390	2.2
11. Pakistan	3,140	2.0
12. United Kingdom	2,770	1.8
13. Venezuela	2,680	1.7
14. Israel	2,390	1.5
15. Colombia	2,380	1.5
TOTAL	**93,320**	**60.2**

1979/80

Locality	Foreign Students	% of Total
1. Iran	51,310	17.9
2. Taiwan	17,560	6.1
3. Nigeria	16,360	5.7
4. Canada	15,130	5.2
5. Japan	12,260	4.3
6. Hong Kong	9,900	3.5
7. Venezuela	9,860	3.4
8. Saudi Arabia	9,540	3.3
9. India	8,760	3.1
10. Thailand	6,500	2.3
11. Lebanon	6,040	2.1
12. Mexico	5,650	2.0
13. Vietnam	5,050	1.8
14. Korea, Rep. of	4,890	1.7
15. Jordan	4,720	1.6
TOTAL	**183,530**	**64.0**

1984/85

Locality	Foreign Students	% of Total
1. Taiwan	22,590	6.6
2. Malaysia	21,720	6.3
3. Nigeria	18,370	5.4
4. Iran	16,640	4.9
5. Canada	16,430	4.8
6. Korea, Rep. of	15,370	4.5
7. India	14,610	4.3
8. Venezuela	13,160	3.8
9. Japan	10,290	3.0
10. Hong Kong	10,130	3.0
11. China	10,100	3.0
12. Saudi Arabia	7,760	2.3
13. Thailand	7,220	2.1
14. Jordan	7,190	2.1
15. Lebanon	6,940	2.0
TOTAL	**198,520**	**58.1**

1986/87

Locality	Foreign Students	% of Total
1. Taiwan	25,660	7.3
2. Malaysia	21,640	6.2
3. China	20,030	5.7
4. Korea, Rep. of	19,940	5.7
5. India	18,350	5.3
6. Canada	15,700	4.5
7. Japan	15,070	4.3
8. Iran	12,230	3.5
9. Nigeria	11,700	3.3
10. Hong Kong	11,010	3.2
11. Indonesia	9,240	2.6
12. Thailand	6,480	1.9
13. Lebanon	6,450	1.8
14. United Kingdom	6,240	1.8
15. Pakistan	5,950	1.7
TOTAL	**205,690**	**58.8**

1988/89

Locality	Foreign Students	% of Total
1.China	29,040	7.9
2.Taiwan	28,760	7.9
3. Japan	24,000	6.6
4. India	23,350	6.4
5. Korea, Rep. of	20,610	5.6
6. Malaysia	16,170	4.4
7. Canada	16,030	4.4
8. Hong Kong	10,560	2.9
9. Iran	8,950	2.4
10. Indonesia	8,720	2.4
11. Pakistan	7,050	1.9
12. United Kingdom	6,800	1.9
13. Thailand	6,560	1.8
14. Germany, F.R.	6,340	1.7
15. Nigeria	6,150	1.7
TOTAL	**219,090**	**59.9**

[1]Refers to Taiwan, Hong Kong, and Macao.

TABLE 2.5

Leading Countries or Other Places of Origin of Foreign Students and Percent Change, 1987/88-1988/89

Rank			Foreign Students		
1987/88	1988/89	Locality	1987/88	1988/89	% Change
2	1	China	25,170	29,040	15.4
1	2	Taiwan	26,660	28,760	7.9
6	3	Japan	18,050	24,000	33.0
3	4	India	21,010	23,350	11.1
4	5	Korea, Rep. of	20,520	20,610	0.4
5	6	Malaysia	19,480	16,170	-17.0
7	7	Canada	15,690	16,030	2.2
8	8	Hong Kong	10,650	10,560	-0.8
9	9	Iran	10,420	8,950	-14.1
10	10	Indonesia	9,010	8,720	-3.2
13	11	Pakistan	6,570	7,050	7.3
12	12	United Kingdom	6,600	6,800	3.0
14	13	Thailand	6,430	6,560	2.0
17	14	Germany, F.R.	5,730	6,340	10.6
11	15	Nigeria	8,340	6,150	-26.3
15	16	Mexico	6,170	5,780	-6.3
16	17	Lebanon	5,820	5,130	-11.9
18	18	Saudi Arabia	5,490	4,970	-9.5
19	19	Jordan	5,140	4,940	-3.9
22	20	France	4,310	4,880	13.2
21	21	Philippines	4,420	4,540	2.7
20	22	Singapore	4,870	4,460	-8.4
23	23	Greece	4,140	4,360	5.3
25	24	Colombia	3,370	3,390	0.6
27	25	Brazil	2,950	3,300	11.9
30	26	Spain	2,500	3,050	22.0
24	27	Venezuela	3,790	3,040	-19.8
29	28	Turkey	2,630	3,010	14.4
26	29	Kuwait	3,160	2,730	-13.6
28	30	Israel	2,690	2,680	-0.4
		TOTAL	271,780	279,350	2.8

67.3% of the total Middle Eastern student population (**Table 2.3**).

EUROPE

With 42,770 students in the United States, Europe was the region of origin of the third largest group of foreign students. The Europeans constituted 11.7% of the foreign students population, up from 10.9% during the previous year, increasing by 10.2% in the past year (**Tables 2.0** and **2.1**). The vast majority of them were from the countries in Western Europe, with a much smaller but growing number coming from Eastern Europe (**Table 2.2**). For four years in a row, the proportion of foreign students coming from Europe has been above 10% of all foreign students; while this must be seen in the context of declining numbers of Middle Easterners and Africans, the number of Europeans has grown steadily, and in the past year at a greater rate than any other regional group.

Until the early seventies, Europeans were the third largest regional group of foreign students, after Asians and Latin Americans; though their actual enrollments rose, their proportion fell during this period. By the mid-seventies, they dropped to fourth place, due to increasingly large flows of students from the Middle East. Since then, actual numbers increased steadily, and, during the last decade, the European share also increased.

Leading Countries in Europe. In the past year, as in the last two decades, the United Kingdom was the largest European source of foreign students coming to the United States (**Table 2.3**). The 6,800 British students accounted for 15.9% of all students from this region. The Federal Republic of Germany was second again, sending 6,340 students or 14.8% of all Europeans, followed by France, with 4,880 students or 11.4%, Greece with 4,360 students or 10.2%, and Spain with 3,050 students or 7.1%. Six of every ten European foreign students in the United States were from these five nations. The foreign student populations of Spain and the Federal Republic of Germany continued to grow significantly, 22.0% and 10.6% respectively, while those of the United Kingdom, France, and Greece declined somewhat (**Tables 2.3** and **2.5**).

Once again, however, to understand worldwide student flows, it is important to keep in mind the absolute numbers of students sent by regional leaders. The combined total of students from the top five countries in Europe is less than the total from either Taiwan or China (**Table 2.5**).

Four countries—Greece, the Federal Republic of Germany, the United Kingdom, and France—have dominated as Europe's leading senders of foreign students over the 30-year history of the Census, although rankings among them have fluctuated. For the first several years, Greece was the leading source of students from Europe, but in the mid-sixties it was displaced by the United Kingdom, which has remained the top source since then (**Table 2.3**). Spain is a latecomer among the top five.

AFRICA

The population of African students continued to decline in 1988/89, dropping by 7.1% to 26,430 (**Table 2.0**). They accounted for just 7.2% of all foreign students, the lowest percentage for Africans since 1972/73. This marks the fifth straight year of decline for the student population of this region (**Table 2.1**). Only 36.5% of the

TABLE 2.6

Leading Countries or Other Places of Origin of Foreign Students Ranked by Percent Change, 1987/88-1988/89

Locality	Foreign Students		Change	
	1987/88	1988/89	Number	%
Japan	18,050	24,000	5,950	33.0
Spain	2,500	3,050	550	22.0
China	25,170	29,040	3,870	15.4
Turkey	2,630	3,010	380	14.4
France	4,310	4,880	570	13.2
Brazil	2,950	3,300	350	11.9
India	21,010	23,350	2,340	11.1
Germany, F.R.	5,730	6,340	610	10.6
Taiwan	26,660	28,760	2,100	7.9
Pakistan	6,570	7,050	480	7.3
Greece	4,140	4,360	220	5.3
United Kingdom	6,600	6,800	200	3.0
Philippines	4,420	4,540	120	2.7
Canada	15,690	16,030	340	2.2
Thailand	6,430	6,560	130	2.0
Colombia	3,370	3,390	20	0.6
Korea, Rep. of	20,520	20,610	90	0.4
Israel	2,690	2,680	-10	-0.4
Hong Kong	10,650	10,560	-90	-0.8
Indonesia	9,010	8,720	-290	-3.2
Jordan	5,140	4,940	-200	-3.9
Mexico	6,170	5,780	-390	-6.3
Singapore	4,870	4,460	-410	-8.4
Saudi Arabia	5,490	4,970	-520	-9.5
Lebanon	5,820	5,130	-690	-11.9
Kuwait	3,160	2,730	-430	-13.6
Iran	10,420	8,950	-1,470	-14.1
Malaysia	19,480	16,170	-3,310	-17.0
Venezuela	3,790	3,040	-750	-19.8
Nigeria	8,340	6,150	-2,190	-26.3
TOTAL	271,780	279,350	7,570	2.8
% of Year Total	76.3	76.3		
YEAR TOTAL	356,190	366,350	10,160	2.9

African students now come from West Africa, the other two regions with relatively large numbers being Eastern Africa, 26.6%, and North Africa, 19% (**Table 2.2**).

As **Table 2.1** shows, the history of the African student population in the U.S. is complex. Originally a very small component in the overall U.S. foreign student picture, the African proportion rose to between six and eight percent in the late sixties and early seventies. Then, in the late seventies, the African student population experienced a small explosion, mainly produced by Nigerian students. From 1973/74 to 1976/77, the African total nearly doubled, and by 1981/82, it had more than tripled. As a result, the share of foreign students who were Africans rose to and remained for some time at about 12%. Since 1982/83, however, African enrollments have declined by over 16,000 students and their percentage has fallen back into the 7% range.

Leading Countries in Africa. Despite the drastic decline in total numbers of Nigerian students, the 6,150 remaining Nigerians still account for one-quarter (25.2%) of all the African foreign students in the United States. South Africa, with 2,352 students, made up only 8.9% of the African total. The other three biggest sources in this region were Egypt with 1,850 students, accounting for 7.6%; Kenya with 2,130 students, or 8.7%; and Ethiopia with 1,920 students, or 7.9%.(**Table 2.3**). Only Cameroon, Ghana, and Morocco among the other African countries had as many as 1,000 students (**Table 2.7**). Also of interest is the fact that, of the top thirty national groups worldwide, Nigerians experienced both the greatest percentage decline and the greatest absolute decline in enrollments in the United States, losing 2,190 students at a rate of 26.3% per year as can beseen in **Table 2.6**.

Long-term enrollment trends for the African countries have, until recently, shown increasingly larger shares of students held by Nigeria, and smaller shares held by Egypt (**Table 2.3**). Until 1960, Egypt was the source of one-quarter of all students from Africa and Nigeria of a little over one-eighth. Twenty years later, nearly half of the students (45.2%) were Nigerian and a mere 4.6% were Egyptian. Throughout the early 1980's, about half of all African students were Nigerian, while slightly over 6% were Egyptians, but in the past few years, Nigerian enrollments have plummeted, and those of Egypt, Kenya, and Ethiopia have slowly increased.

NORTH AMERICA AND OCEANIA

There were 16,730 North American foreign students in the United States last year, over 95% of whom were Canadian. Merely 360 more than in the previous year, they accounted for 4.6% of the total foreign student population (**Tables 2.0** and **2.1**). Over the history of the Census, despite the four-fold increase in their numbers, their share has shrunk in inverse proportion. Thus, while 4,714 North Americans accounted for 13.8% of all foreign students in the U.S. in 1954/55, 16,360 such students accounted for a mere 4.6% of foreign students in the past year. The absolute population has hovered around 16,000 throughout the eighties making it perhaps the most stable regional population among foreign students (**Table 2.3**).

The number of Oceanian students, by far the smallest regional grouping, showed a small decline of 0.03% this year, dropping from 3,620 students in 1987/88 to 3,610 in 1988/89. This population now accounts for just below 1% of the foreign student population, compared to the 1.2% it held between 1981/82 and 1986/87 (**Tables 2.0, 2.1** and **2.3**).

LEADING COUNTRIES OR OTHER PLACES OF ORIGIN WORLDWIDE

Tables 2.5 and **2.6**, which present the figures for the thirty leading sources of foreign students to the United States, show that a number of interesting changes occurred among the top ten sending countries or other places during the last two years. China became the leading site of origin among foreign students with 29,040 students, 3,870 more than in the previous year. Therewith Taiwan, with 28,760 students, an increase of 2,100, became the second source, and the only other place to have over 25,000 students in the United States. Japan made a big jump, from sixth place to third, with 24,000 students, a large 22% or 5,950 more than in 1987/88, so that India, with 23,350 became fourth. Indian enrollments increased by 2,340 or 11.1%. The Republic of Korea (20,610), is now fifth on the list. There were also notable decreases. The Malaysian student group continued to decrease at a rapid rate: in 1988/89 it decreased by 17% and dropped from fifth place to sixth, with an enrollment of 16,170 students, 3,310 fewer than in the previous year. Other declining groups were the Nigerian, Iranian and Venezuelan foreign student populations. The number of Nigerian students decreased by 2,190, to 26.3% of its 1987/88 level, dropping another two notches from thirteenth to fifteenth place. Similarly, Iranian students decreased by 14.1%, but remained in ninth place, while Venezuelan students decreased by 19.8%, dropping to twenty-seventh place.

In terms of regions, and as in 1987/88, twelve of the thirty largest sources of foreign students were from Asia, including all of the top six and eight of the top ten. Seven were again from the Middle East, five from Europe, four from South America, and one each from Africa and North America; none of the top thirty sources were in Oceania (**Table 2.5**).

In **Table 2.6**, the top thirty countries or other places of origin are ranked according to the rate of change in their foreign student populations. From 1987/88 to 1988/89, as in the previous year, eight national groups had an increase of more than 10% in their enrollments, and seven had a decrease of more than 9%. This time, Japan gained the largest percentage, increasing by 33%; Spain was second, with 22%; and China third, with 15.4%. Turkey had the fourth largest absolute gain with 380 students, which, because of its relatively small base number, translated into a 14.4% gain. The three largest declines were registered by Nigeria, Venezuela, and Malaysia with -26.3%, -19.8% and -17%, respectively. These figures represent continuing trends for all three countries. Iran also declined by 14.1%, as has been the case for a decade.

There were 64 countries with more than 1,000 student studying in the United States in 1988/89, as **Table 2.7** shows, accounting for 92% of all foreign students in this country. These figures have remained stable for several years.

TABLE 2.7

Countries and Other Places with 1,000 or More Students in the U.S., 1988/89

	Locality	Foreign Students
1	China	29,040
2	Taiwan	28,760
3	Japan	24,000
4	India	23,350
5	Korea,Rep. of	20,610
6	Malaysia	16,170
7	Canada	16,030
8	Hong Kong	10,560
9	Iran	8,950
10	Indonesia	8,720
11	Pakistan	7,050
12	United Kingdom	6,800
13	Tailand	6,560
14	Germany, F.R.	6,340
15	Nigeria	6,150
16	Mexico	5,780
17	Lebanon	5,130
18	Saudi Arabia	4,970
19	Jordan	4,940
20	France	4,880
21	Philippines	4,540
22	Singapore	4,460
23	Greece	4,360
24	Colombia	3,390
25	Brazil	3,300
26	Spain	3,050
27	Venezuela	3,040
28	Turkey	3,010
29	Kuwait	2,730
30	Israel	2,680
31	Jamaica	2,420
32	Italy	2,370
33	Peru	2,370
34	Nicaragua	2,220
35	South Africa	2,180
36	Bangladesh	2,150
37	Kenya	2,130
38	Norway	2,110
39	Trinidad & Tobago	2,100
40	Panama	2,080
41	Sri Lanka	2,060
42	Ethiopia	1,920
43	Egypt	1,850
44	Bahamas	1,760
45	Netherlands	1,760
46	Argentina	1,750
47	Cyprus	1,710
48	Sweden	1,710
49	Syria	1,710
50	Australia	1,580
51	Vietnam	1,560
52	Haiti	1,500
53	United Arab Emirates	1,460
54	Cameroon	1,410
55	Ireland	1,400
56	Honduras	1,380
57	El Savador	1,280
58	Switzerland	1,210
59	Chile	1,140
60	Ecuador	1,110
61	Ghana	1,060
62	Cuba	1,030
63	Morocco	1,020
64	Costa Rica	1,010
TOTAL		**336,860**

3. ACADEMIC CHARACTERISTICS

FIELD OF STUDY

By a narrow margin, engineering is yet again the most popular field of study among international students in the United States, as it has been since IIE began conducting the Annual Census of Foreign Students: engineering captured 72,710 students or 19.8% of all foreign students. Business and management is a close second, with 69,320 or 18.9%, and is therewith the only other field of study to attract more than 10% of the foreign students. Math and computer sciences is third, chosen by 9.6%, followed by the physical and life sciences with 8.5%, and the social sciences, enrolling 7.7%. **(Appendix A3 contains a summary of field of study categories, as well as the National Center for Educational Statistics, "Detailed Cclassification of Programs within Fields of Study").**

Although the rank order of the top five field of study choices of foreign students has not changed in several years, **Table 3.0** does reveal some interesting trends over the past three years. Engineering, although still the leading field, has been experiencing a slow but steady decline in its share of foreign students, dropping from 21.7% in 1985/86 to 20.7% in 1987/88 and below 20% for the first time in 1988/89. Business and management, on the other hand, has been very constant at the 19% level over the same period. Math and computer sciences has dropped very slightly in the past three years, while the physical and life sciences and the social sciences have increased very slightly.

While the above analysis indicates what percentage shares various fields of study hold of the total international student population, **Table 3.0** presents information on the rate of expansion or contraction by each field relative to the previous year and irrespective of other fields. (Gains and losses are highlighted here only for fields enrolling more than 5,000 students.) Thus, the three fastest growing fields of study were communications, increasing by 9.1% (460 more students); the health sciences, with a 7.7% (1,322 more students) increase; and agriculture, which expanded at a rate of 5.5% (440 more students) after 10.1% growth the previous year. The most significant decreases were in the fields of humanities, which lost 5.0% (200 fewer stu-

3.A
Foreign Students by Field of Study, 1988/89

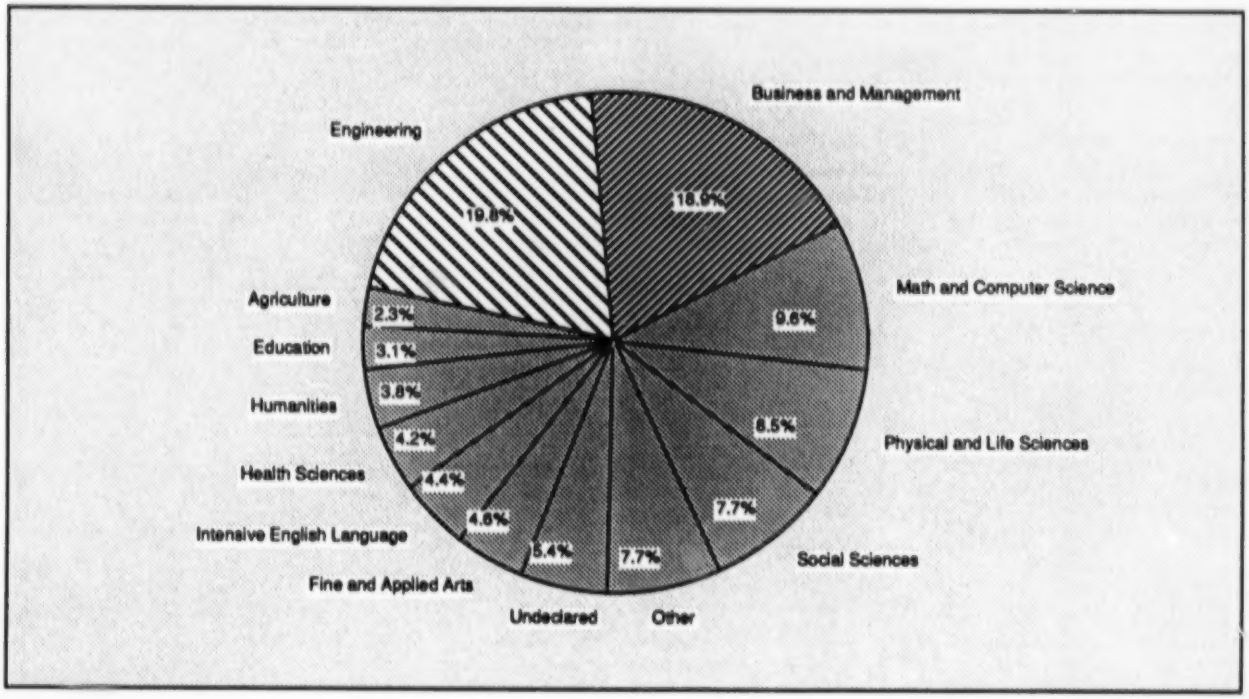


TABLE 3.0

Foreign Students by Field and Subfield of Study and Percent Change, 1986/87-1988/89

Field of Study	1986/87			1987/88			1988/89		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Agriculture	7,200	2.1	-2.7	7,930	2.3	10.1	8,370	2.3	5.5
Agribusiness and Agricultural Production	2,000	0.6	-4.8	2,080	0.6	4.0	2,210	0.6	6.3
Agricultural Sciences	4,290	1.2	-4.5	4,820	1.4	12.4	5,040	1.4	4.6
Renewable Natural Resources	910	0.3	12.3	1,030	0.3	1.3	1,120	0.3	8.7
Business and Management	66,140	18.9	1.8	66,990	18.8	1.3	69,320	18.9	0.5
Business and Management, General	59,600	17.0	2.4	59,940	16.8	0.6	61,770	16.9	3.1
Business and Office	3,190	0.9	-4.2	3,800	1.1	19.1	3,800	1.0	—
Consumer, Personal and Misc. Services	260	0.1	13.0	310	0.1	19.2	340	0.1	9.7
Marketing and Distribution	3,090	0.9	-2.8	2,940	0.8	-4.9	3,410	0.9	16.0
Education	12,130	3.5	3.9	11,140	3.1	-8.2	11,210	3.1	0.6
Engineering	74,290	21.3	-0.4	73,880	20.7	0	72,710	19.8	-4.3
Engineering, General	62,170	17.8	-3.6	62,790	17.6	1.0	63,000	17.3	0.3
Engineering-Related Technologies	10,750	3.1	19.3	9,900	2.8	-7.9	8,540	2.3	-13.7
Construction Trades	230	0.1	4.5	220	0.1	-4.3	170	—	-22.7
Mechanics and Repairers	540	0.2	14.9	320	0.1	-40.7	380	0.1	18.8
Precision Production	150	0.0	7.1	120	—	-20.0	140	—	16.7
Transportation and Material Moving	450	0.1	104.5	530	0.1	17.8	480	0.1	-9.4
Fine and Applied Arts	14,820	4.2	-3.8	15,860	4.5	7.0	16,740	4.6	2.2
Architecture and Environmental Design	5,950	1.7	-9.0	6,280	1.8	5.5	5,720	1.6	08.9
Industrial Arts	820	0.2	-7.9	710	0.2	-13.4	650	0.2	-8.5
Visual and Performing Arts	8,050	2.3	1.0	8,870	2.5	10.2	10,370	2.8	16.9
Health Sciences	14,350	4.1	3.4	13,910	3.9	-3.1	15,230	4.2	7.7
Allied Health	3,000	0.9	-6.3	2,860	0.8	-4.7	3,500	1.0	22.4
Health Sciences	11,350	3.2	6.3	11,050	3.1	-2.6	11,730	3.2	6.2
Humanities	13,200	3.8	10.8	14,250	4.0	8.0	14,050	3.8	-5.0
Foreign Languages	3,230	0.9	15.8	3,650	1.0	13.0	3,870	1.1	6.0
Letters	5,480	1.6	5.8	6,080	1.7	10.9	5,410	1.5	-11.9
Philosophy and Religion	1,720	0.5	23.7	1,800	0.5	4.7	1,680	0.5	-6.7
Theology	2,770	0.8	9.1	2,720	0.8	-1.8	3,090	0.7	13.6
Mathematics and Computer Sciences	35,440	10.1	-1.3	35,400	9.9	-0.1	35,260	9.6	-3.0
Computer and Information Sciences	27,080	7.7	-3.0	26,680	7.5	-1.5	26,970	7.3	1.1
Mathematics	8,360	2.4	4.5	8,720	2.4	4.3	8,290	2.3	-4.9
Physical and Life Sciences	27,370	7.8	2.0	29,250	8.3	6.9	31,320	8.5	2.4
Life Sciences	9,920	2.8	-1.2	10,920	3.1	1.0	11,590	3.2	6.1
Physical Sciences	16,310	4.7	4.4	16,930	4.8	3.8	18,240	4.9	7.7
Science Technologies	1,140	0.3	-1.7	1,400	0.4	22.8	1,490	0.4	6.4
Social Sciences	25,610	7.3	3.8	27,650	7.7	8.0	28,300	7.7	—
Area and Ethnic Studies	920	0.3	10.8	1,190	0.3	29.3	1,170	0.3	-1.7
Parks and Recreation	250	0.1	8.7	270	0.1	8.0	260	0.1	-3.7
Protective Services	610	0.2	29.8	500	0.1	-18.0	570	0.2	14.0
Psychology	3,310	0.9	1.5	3,510	1.0	6.0	3,660	1.0	4.3
Public Affairs	2,920	0.8	8.1	3,020	0.8	3.4	3,000	0.7	-0.7
Social Sciences	17,600	5.0	2.2	19,160	5.4	8.9	19,640	5.4	2.5
Other	25,850	7.4	9.8	25,100	7.1	-2.9	28,180	7.7	8.5
Communications	4,890	1.4	13.5	5,060	1.4	3.5	5,520	1.5	9.1
Communications Technologies	720	0.2	22.0	520	0.1	-27.8	350	0.1	-32.7
Home Economics	1,850	0.5	-6.6	1,700	0.5	-8.1	1,920	0.5	12.9
Law	2,020	0.6	22.4	2,150	0.6	6.4	2,130	0.6	-0.9
Liberal/General Studies	11,160	3.2	6.6	11,020	3.1	-1.3	13,050	3.6	-99.9
Library and Archival Sciences	770	0.2	11.6	660	0.2	-14.3	720	0.2	9.1
Military Sciences	210	0.1	61.5	50	—	-76.2	170	—	240.0
Military Technologies	—	—	—	10	—	—	20	—	100.0
Multi/Interdisciplinary Studies	2,000	0.6	-4.3	1,870	0.5	-6.5	1,960	0.5	
Personal and Social Development[1]	1,970	0.6	44.9	1,840	0.5	-6.6	2,120	0.6	15.2
Vocational Home Economics	260	0.1	-3.7	220	0.1	-15.4	220	0.1	—
Intensive English Language	13,530	3.9	5.1	14,030	3.9	3.7	16,020	4.4	12.8
Undeclared	19,680	5.6	-2.1	20,790	5.8	5.6	19,640	5.4	-6.9
TOTAL	349,810	100.0	1.7	358,190	100.0	1.9	366,350	100.0	2.9

[1]*Includes Basic Skills, Citizenship/Civic Activities, Health-Related Activities, Interpersonal Skills, Leisure and Recreational Activities, and Personal Awareness.*

TABLE 3.1

Foreign Students by Field of Study, Selected Years, 1954/55-1988/89

Field of Study	1954/55		1959/60		1964/65		1969/70	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Agriculture	1,199	3.5	1,615	3.3	3,211	3.9	3,667	2.7
Business and Management	2,953	8.6	4,114	8.5	7,116	8.7	15,587	11.6
Education	1,457	4.3	3,483	5.1	3,999	4.9	7,779	5.8
Engineering	7,618	22.3	11,279	23.3	18,084	21.9	29,731	22.0
Fine and Applied Arts	1,997	5.8	2,417	5.0	3,946	4.8	6,297	4.7
Health Sciences	3,184	9.3	3,685	7.6	4,918	6.0	5,969	4.4
Humanities	5,502	16.1	6,829	14.1	12,137	14.7	20,211	15.0
Mathematics and Computer Sciences	436	1.3	1,015	2.1	2,670	3.2	4,400	3.3
Physical and Life Sciences	3,681	10.7	6,261	12.9	11,731	14.2	17,006	12.6
Social Sciences	5,041	14.7	6,782	14.0	12,609	15.3	17,272	12.8
Other	566	1.7	482	1.0	607	0.7	597	0.4
Intensive English Language	—	—	—	—	—	—	—	—
Undeclared	—	—	—	—	—	—	—	—
All Foreign Students	**34,232**	**98.3**	**48,486**	**96.9**	**82,045**	**98.3**	**134,959**	**95.2**

Field of Study	1975/76		1979/80		1984/85		1988/89	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Agriculture	5,270	2.9	8,750	3.1	7,540	2.2	8,370	2.3
Business and Management	28,670	16.0	46,960	16.4	64,930	19.0	69,320	18.9
Education	9,790	5.5	12,340	4.3	12,140	3.6	11,210	3.1
Engineering	42,000	23.4	76,950	26.9	75,370	22.0	72,710	19.8
Fine and Applied Arts	8,320	4.6	14,350	5.0	15,900	4.7	16,740	4.6
Health Sciences	7,160	4.0	10,950	3.8	13,410	3.9	15,230	4.2
Humanities	15,030	8.4	11,340	4.0	13,030	3.8	14,050	3.8
Mathematics and Computer Sciences	9,060	5.1	15,390	5.4	35,630	10.4	35,260	9.6
Physical and Life Sciences	23,910	13.3	21,880	7.6	25,960	7.6	31,320	8.5
Social Sciences	20,730	11.6	22,530	7.9	25,000	7.3	28,300	7.7
Other	9,380	5.2	12,600	4.4	22,250	6.5	28,180	7.7
Intensive English Language	—	—	12,170	4.2	11,010	3.2	16,020	4.4
Undeclared	—	—	20,130	7.0	19,940	5.8	19,640	5.4
All Foreign Students	**179,340**	**100.0**	**286,340**	**100.0**	**342,110**	**100.0**	**366,350**	**100.0**

dents), mathematics, down by 4.9% or 430 fewer students) and engineering, with a decrease of 4.3% (1,170 fewer students).

Despite the relative stability of field of study choices in the past few years, substantial long term shifts have occurred that can be seen by examining **Table 3.1** and **Figure 3.B**. As noted above, engineering has always been the top choice of foreign students and has also been relatively stable, attracting 22-24% of the student population, although it did rise above 25% for a brief period in the late seventies and early eighties. Other fields have not been so stable over the long term. Business and management has been chosen by increasingly larger numbers of students. Until the mid-sixties it was only the sixth most popular field, chosen by only about 8% of the foreign students. However, as many as 12% majored in it by 1970, and since the mid-seventies, it has accounted for between 16 and 19% of the student population, becoming the second most popular field of study throughout the eighties. The humanities was originally the second most popular field of study among foreign students. It remained so until the mid-seventies, when it fell drastically in popularity: in 1969/70 it attracted 15.0% of the students, in 1975/76 it was down to 8.4%, and in 1979/80 a scant 4.0%; by 1988/89, it had dropped below that level to 3.8%. Enrollments in math and computer sciences, not surprisingly, given the advent of the computer age, have multiplied

3.B

Foreign Students by Field of Study, Selected Years, 1954/55 - 1988/89

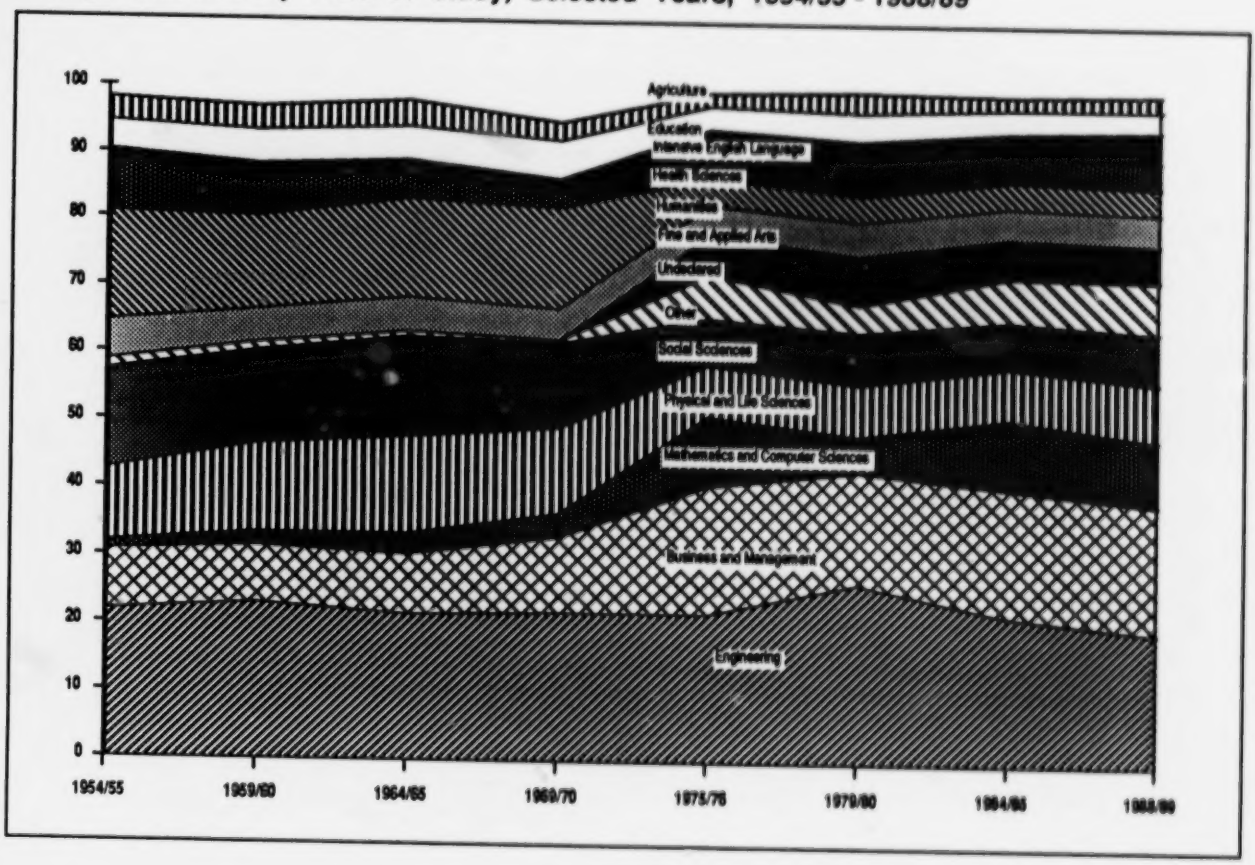


TABLE 3.2

Foreign Students Within Field of Study by Type of Institution Attended, 1988/89

% of All Foreign Students			% of All Foreign Students	
Two-Year Institutions	Four-Year Institutions	Field of Study	Public Institutions	Private Institutions
4.6	95.4	Agriculture	92.4	7.6
14.7	85.3	Business and Management	60.5	39.5
5.6	94.4	Education	73.9	26.1
7.9	92.1	Engineering	71.0	29.0
8.0	92.0	Fine and Applied Arts	52.2	47.8
15.0	85.0	Health Sciences	66.1	33.9
3.4	96.6	Humanities	51.0	49.0
12.8	87.2	Mathematics and Computer Sciences	72.7	27.3
3.0	97.0	Physical and Life Sciences	71.5	28.5
3.3	96.7	Social Sciences	58.2	41.8
28.8	71.2	Other	66.2	33.8
23.8	76.2	Intensive English Language	65.4	34.6
15.6	84.4	Undeclared	59.5	40.5
12.7	**87.3**	**All Foreign Students**	**65.6**	**34.4**

TABLE 3.3

Field of Study of Foreign Students Within Two- and Four-Year Institutions, 1988/89

Field of Study	% of Foreign Students	
	Two-Year Institutions	Four-Year Institutions
Agriculture	0.9	2.5
Business and Management	24.1	18.3
Education	1.5	3.3
Engineering	13.5	20.7
Fine and Applied Arts	3.2	4.8
Health Sciences	5.4	4.0
Humanities	1.1	4.2
Mathematics and Computer Science	10.6	9.5
Physical and Life Sciences	2.2	9.4
Social Sciences	2.2	8.4
Other	19.1	6.2
Intensive English Language	9.0	3.8
Undeclared	7.2	5.1
All Fields	**100.0**	**100.0**

manyfold, from an insignificant 1.3% of all foreign students in 1954/55 to roughly 10% in the 1980's, but have declined slightly in the last two survey years. The percentage of students studying the social sciences has roughly halved in the lifetime of the survey, dropping from 14.7% in 1954/55 to 7.7% in 1988/89. The physical and life sciences have also experienced a decrease in enrollments from over 12% in 1959/60 to approximately 7% to 8% in the past several years.

Enrollment in Two - and Four - Year Institutions by Field of Study. As **Table 3.2** reveals, the vast majority (87.3%) of all international students studied at four-year institutions, but that proportion was much higher in certain fields of study. For instance, 96.6% of all students in the humanities were in four-year schools, as were 97.0% of students in the physical and life sciences, 96.7% of the social science majors, and 95.4% of agriculture students. In most other fields, the percentages attending two-year and four-year schools are close to the national average. However, in two fields of study more than 20% of the international population studied in two-year institutions, the nondelineated "other" field of study (28.8%) and intensive English language programs (23.8%).

Enrollment in Public and Private Institutions by Field of Study. Nearly two-thirds of international students (65.6%) were enrolled in public institutions, with a corresponding 34.4% attending private institutions (**Table 3.2**). For the most part, the distribution of students within specific fields of study does not greatly deviate from this pattern. Two notable exceptions are agriculture, with 92.4% of its students attending public institutions, and the humanities, which was the only field of study with as many as one-half (51.0%) of its students in private institutions. No other field of study deviated from the average by as much as ten percent although over 70% of the students in education (73.9%), math and computer sciences (72.7%), and engineering (71.0%) were in public institutions. By contrast, above average proportions of those studying the social sciences (41.8%), the fine and applied arts (47.8%), and business and management (39.5%) enrolled in private institutions.

Fields of Study within Two - and Four - Year Institutions. Since most foreign students in the United States were enrolled in four-year institutions, the fields of study they chose were very similar to those chosen by all foreign students, as can be seen by comparing **Table 3.3** and **Table 3.0**. Indeed the five most popular fields of study among four-year students are the same as the top five among all students.

However, choices of students attending two-year institutions varied somewhat from those of students in four-year schools and from the overall pattern. Among two-year students, the top field, business and management, led the next largest field, engineering, by more than ten percentage points, 24.1% to 13.5%, while among four-year students the gap between the top field, engineering and the second field, business and management, was less than three percentage points, 20.7% to 18.3%. The physical and life sciences and the social

TABLE 3.4

Field of Study of Foreign Students Within Public and Private Institutions, 1988/89

Field of Study	% of Foreign Students	
	Public Institutions	Private Institutions
Agriculture	3.2	0.5
Business and Management	17.4	21.8
Education	3.4	2.3
Engineering	21.4	16.8
Fine and Applied Arts	3.6	6.4
Health Sciences	4.2	4.1
Humanities	3.0	5.5
Mathematics and Computer Science	10.6	7.7
Physical and Life Sciences	9.3	7.1
Social Sciences	6.8	9.4
Other	7.7	7.6
Intensive English Language	4.3	4.4
Undeclared	4.9	6.3
All Fields	**100.0**	**100.0**

TABLE 3.5

Foreign Students by Academic Level and Percent Change, 1986/87-1988/89

Academic Level	1986/87			1987/88			1988/89		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Associate	39,980	11.4	4.0	39,380	11.1	-1.5	40,570	11.1	3.0
Bachelor's	141,250	40.4	-5.3	137,280	38.5	-2.8	131,900	36.0	-3.9
Freshman	26,280	7.5	-12.7	26,320	7.4	0.2	26,180	7.1	-0.5
Sophomore	24,080	6.9	-7.5	22,090	6.2	-8.3	20,740	5.7	-6.1
Junior	26,710	7.6	-6.2	25,800	7.2	-3.4	24,200	6.6	-6.2
Senior	33,790	9.7	-2.4	33,720	9.5	-0.2	31,060	8.5	-7.9
Unspecified	30,390	8.7	1.4	29,350	8.2	-3.5	29,720	8.1	1.3
Graduate	146,100	41.8	10.3	156,190	43.9	6.9	165,380	45.2	5.9
Master's	68,230	19.5	10.6	71,860	20.2	5.3	78,830	21.5	9.7
Doctoral	43,710	12.5	19.5	49,420	13.9	13.1	53,900	14.7	9.1
Professional Training	3,410	1.0	3.6	2,930	0.8	-14.1	3,520	1.0	20.1
Unspecified	30,750	8.8	-0.4	31,980	9.0	4.0	29,130	8.0	-8.9
Other	22,280	6.4	-5.0	23,340	6.5	4.8	28,500	7.7	22.1
Practical Training	4,730	1.3	14.0	4,800	1.3	1.5	7,020	1.9	46.3
Nondegree	5,450	1.6	-4.0	6,550	1.8	20.2	6,670	1.8	1.8
Intensive English Language	12,100	3.5	-12.7	11,990	3.4	-0.9	14,810	4.0	23.5
TOTAL	349,610	100.0	1.7	356,190	100.0	1.9	366,350	100.0	2.9

3.C
Foreign Students by Academic Level, 1988/89

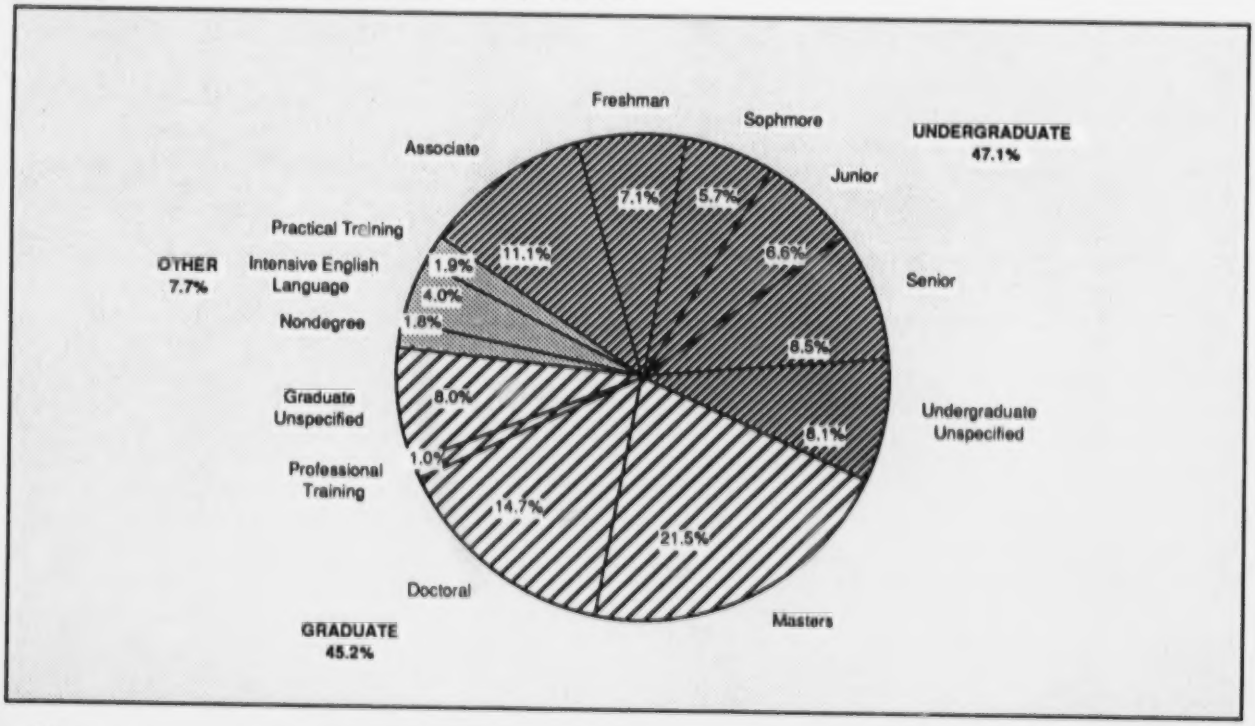


TABLE 3.6

Foreign Students by Academic Level, Selected Years, 1954/55-1988/89

Year	Academic Level		
	Undergraduate	Graduate	Other
1954/55	55.9%	35.4%	8.9%
1959/60	51.9	39.0	9.1
1964/65	46.5	42.8	10.7
1969/70	46.8	43.8	9.3
1975/76	53.5	46.5	—
1979/80	60.2	32.9	6.9
1984/85	57.8	35.8	6.4
1987/88	49.6	43.9	6.5
1988/89	47.1	45.2	7.7

[1]Data on "other" academic level are not available for this year.

sciences accounted for much smaller shares of two-year than four-year institution foreign students.

In addition, students in two-year institutions appear, in general, to disperse their choices more widely: in almost all fields, fewer two-year students are found enrolled than four-year students , except in the catch-all categories, "other," in "undeclared," in Intensive English Language, and, by a very small margin, in the haumanities. Indeed, in the "other" category, there are as many as 19.1% of two-year students and only 6.2% of four-year students.

Fields of Study Within Public and Private Institutions. As with four-year institutions, field of study choices of students in public schools generally mirrored those of the foreign student population overall (**Table 3.4**). However, some differences are evident. More foreign students in private institutions studied business and management (21.8%, as against 17.4% in public institutions) and conversely, more in public institutions studied engineering (21.4%, as against 16.8% in private institutions). Similarly, smaller proportions of private (7.7%) than of public (10.6%) school students majored in math and computer sciences. The humanities were more popular in private institutions, attracting 5.5% of international students compared to 3% in public institutions. In agriculture the opposite was true, with 3.2% of foreign students in public schools in this field versus 0.5% in private institutions.

Choices of students in private institutions display some interesting characteristics. While their five favorite fields are similar to those of all foreign students, the order is different. Business and management is most popular among foreign students in private schools with 21.8% of the total. Engineering is second with 16.8%, followed by the social sciences (9.4%), math and computer sciences (7.0%), and the physical and life sciences (7.1%).

ACADEMIC LEVEL

A little under half (47.1%) of all foreign students were undergraduates last year (**Table 3.5** and **Figure 3.C**). This figure resolves into two components, those working for associate degrees (11.1% of the total foreign student population) and those working for bachelors degrees (36.0%). Graduate students accounted for 45.2% of the population, with 21.5% of all foreign students working on MA's and 14.7% working on Ph.D's. The remaining 7.7% of the foreign students were in intensive English language programs, in non-degree programs, or involved in practical training.

The absolute size as well as the share of the graduate population grew again last year, as it did in the previous several years; from 41.8% in 1986/87, it grew to 43.9%

TABLE 3.7

Foreign Students Attending Public and Private Institutions by Academic Level, 1988/89

Academic Level	% in Public Institutions	% in Private Institutions
Associate	92.3	7.7
Bachelor's	58.3	41.7
Graduate	66.4	33.6
Other	61.6	38.4

TABLE 3.8

Foreign Students by Enrollment Status, 1986/87-1988/89

Enrollment Status	1986/87		1987/88		1988/89	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Full-time	317,970	90.9	320,370	89.9	329,530	89.9
Part-time	31,640	9.1	35,820	10.1	36,820	10.1

TABLE 3.9

Enrollment Status of Foreign Students by Type of Institution Attended, 1988/89

Enrollment Status	Type of Institution				
	Two-Year	Four-Year	All	Public	Private
Full-Time	10.8	89.2	89.9	64.1	35.9
Part-Time	23.8	76.2	10.1	74.0	26.0

in 1987/88 and increased further to 45.2% in 1988/89. During the same period, a decline in the number of students seeking bachelor's degrees has occurred, reducing their share from 40.4% in 1986/87 to a low 36.0% in the past year, while enrollments at the associate and at the "other" level have remained relatively stable. The number of students receiving degrees for professional training grew most rapidly, by 20.1%, though it should be noted that the base is quite small. There was a significant jump in the proportion of master's degree candidates: in 1986/87, they constituted 19.5% of foreign students, while in 1988/89 their share was 21.5%; in the past year it increased by 9.7%. The doctoral level population grew also, with 9.1% more students than in the previous year.

Historically, as seen in **Table 3.6**, there have been broad changes in the numbers of students at different degree levels. In the fifties, the proportion of graduate students was low, with a significant upturn in the sixties, only to be followed by a return to lower levels in the late seventies and early eighties. In the past few years, graduate enrollments increased rapidly, while undergraduate enrollments either increased at a very slow pace or fell. As a result, we are seeing a return to the higher graduate proportions of the sixties, although at no time has the number of graduate level students outnumbered the undergraduate population.

Students at different academic levels exhibited different preferences for public and private institutions, as an examination of **Table 3.7** shows. Virtually all (92.3%) of those working on associate degrees were in public institutions, not surprisingly, given the dearth of private junior colleges. Graduate students were more likely to be found in public institutions than those working on bachelor's degrees (66.4% as against 58.3%).

ENROLLMENT STATUS

Nine of every ten (89.9%) of all foreign students in the United States studied on a full-time basis (**Table 3.8**). This percentage has remained constant over the past several years. The proportions of students who studied part- time were higher in four-year (76.2%) and public institutions (74.0%) than in two-year (23.8%) and private (26.0%) institutions.

4. PERSONAL CHARACTERISTICS

GENDER

The number and the percentage of foreign students who were women continued to increase in the last year, as it has since the late fifties. There were 122,729 female students studying in the United States in 1988/89, 7,837 more than in the previous year, accounting for just over a third (33.5%) of the foreign student population (**Table 4.0**).

Women's representation in the foreign student body reached its nadir in 1959/60, when they constituted a mere 21.7%. Since that time, their share has risen steadily, reaching its highest point ever in 1988/89 (**Table 4.0** and **Figure 4.A**). The proportion of women increased across all types of institutions. It reached 44.1% at two-year schools last year, a proportion more than 10% greater than at four-year schools. The gender distributions at public and private institutions were nearly identical, both to each other and the overall norm as shown in **Table 4.1**).

MARITAL STATUS

Table 4.2 shows that the percentage of foreign students who were single vastly exceeds those that were married. Eight of ten students (80.9%) were single, only about two in ten being married (19.1%). These proportions are almost identical to last year's, and have held stable for a number of years.

As shown in **Table 4.3**, a greater proportion of two-year than four-year students were single (91.3% and 79.5% respectively). This is probably chiefly due to the fact that, on average, students in four-year schools are older. Public institutions and private institutions showed little difference in percentages of married and single students.

PRIMARY SOURCE OF FUNDS

Roughly two-thirds (62.6%) of all foreign students were funded primarily from personal or family sources (**Table**

4.A
Foreign Students by Gender, 1954/55-1988/89

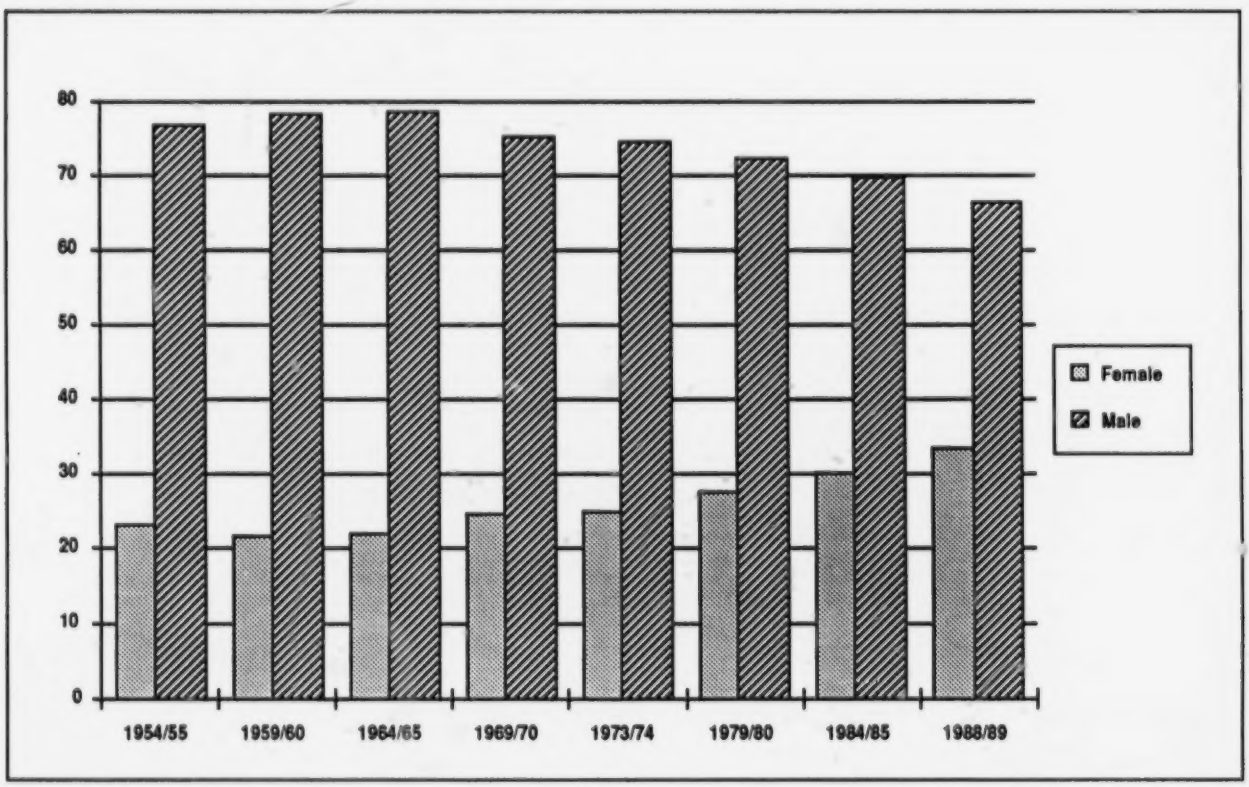


TABLE 4.0

Foreign Students by Gender, Selected Years, 1954/55-1988/89								
Gender	**1954/55**	**1959/60**	**1964/65**	**1969/70**	**1973/74**	**1979/80**	**1984/85**	**1988/89**
Male	76.8%	78.3%	78.0%	75.4%	74.7%	72.4%	69.8 %	66.5%
Female	23.2	21.7	22.0	24.6	25.3	27.6	30.2	33.5

4.4 and **Figure 4.B**). Assuming that personal and family funds come from the students' home countries, almost three-quarters (72.7%) received their major funding from sources outside the United States, with home governments subsidizing 7.8% of all foreign students. The most significant source of funds inside the United States was U.S. colleges and universities, which provided funding to 17.6% of the students. U.S. private sponsors provided the largest part of the support for 3.0% of the students and the U.S. government was the primary source of support of 2.4%. (**Table 4.4**).

Funding from home governments and foreign private sponsors decreased by more than 9.1% in the past year, falling by 7.7% and 1.4% respectively. Support from U.S. colleges and universities was up 6.6% in the past year, the fifth consecutive year in which this form of support has increased; however, the rate of increase has slowed, from 17.6% in 1987/88 to 6.6% this past year. When interpreting source of funds data, one should keep in mind that the response rate for this particular question on the survey is the lowest of any question, with information on source of funds existing for only about 54.2% of the students in the survey. In addition, U.S. colleges and universities are most likely to be best informed about the contribution of their own funds, and thus the percentage reported as receiving primary support from U.S. colleges and universities may well be overstated.

Sources of Support in Two- and Four-Year Institutions. Students in two-year institutions relied heavily on personal and family funds, with 85.4% relying on this source (**Table 4.5**). U.S. private sponsors accounted for an additional 4.4% and the home government for 2.9%.

TABLE 4.1

Gender of Foreign Students by Type of Institution Attended, 1986/87-1988/89				
Institution	**Gender**	**1986/87**	**1987/88**	**1988/89**
Two-Year	Male	72.7%	60.3%	55.9%
	Female	27.8	39.7	44.1
Four-Year	Male	70.4	69.9	67.8
	Female	29.6	30.1	32.2
Public	Male	72.2	69.5	66.9
	Female	27.8	30.5	33.1
Private	Male	67.4	67.6	65.7
	Female	32.6	32.4	34.3
All Foreign Students	Male	70.7	68.9	66.5
	Female	29.3	31.1	33.5

In four-year institutions the picture is very different. Although an absolute majority of 58.5% students received their primary support from personal resources, an additional 20.6%, compared to a minuscule 0.8% in two-year institutions, were primarily supported by U.S. colleges and universities. Also interesting is the fact that home governments supported 8.6% of four-year students but only 2.9% of two-year students. No other source of funding in four-year institutions accounted for as much as 3% of the total.

Sources of Support in Public and Private Institutions. Primary sources of funding of foreign students

TABLE 4.2

Marital Status of Foreign Students, 1986/87-1988/89						
	1986/87		**1987/88**		**1988/89**	
Marital Status	**Foreign Students**	**% of Total**	**Foreign Students**	**% of Total**	**Foreign Students**	**% of Total**
Single	278,580	79.7	284,330	79.8	296,330	80.9
Married	71,030	20.3	71,860	20.2	70,020	19.1

TABLE 4.3

Marital Status of Foreign Students by Type of Institution Attended, 1988/89

Marital Status	Type of Institution				
	Two-Year	Four-Year	Year Total	Public	Private
Single	91.3%	79.5%	80.9%	79.3%	83.3%
Married	8.7	20.5	19.1	20.7	16.7

attending public and private institutions, presented in **Table 4.5**, were fairly similar. A somewhat greater proportion of foreign students in public as opposed to private institutions were studying with personal or family funds (64.2% and 59.6% respectively). The inverse relationship existed for U.S. college and university support, with 19.9% of students in private institutions funded by these institutions and only 16.3% of students in public ones. Both home governments and the U.S. government provided slightly more support to students in public institutions although the differences are not great (home

TABLE 4.4

Foreign Students by Primary Sources of Funds and Percent Change, 1986/87-1988/89

Primary Source of Funds	1986/87			1987/88			1988/89		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Personal and Family	224,950	64.3	-2.5	228,030	64.0	*	229,430	62.6	0.6
U.S. College or University	52,880	15.1	23.6	60,420	17.0	*	64,410	17.6	6.6
Home Government/University	35,030	10.0	-8.6	30,720	8.6	*	28,360	7.8	-7.7
U.S. Private Sponsor	9,340	2.7	23.1	9,840	2.9	*	11,140	3.0	13.2
U. S. Government	8,650	2.5	25.9	7,570	2.1	*	8,660	2.4	14.4
Foreign Private Sponsor	9,980	2.9	26.8	8,620	2.4	*	8,500	2.3	-1.4
Current Employment	5,500	1.6	-21.2	5,380	1.5	*	7,300	2.0	35.7
International Organization		--	--	2,640	0.7	*	2,940	0.8	11.4
Other	3,280	0.9	20.6	2,970	0.8	*	5,610	1.5	88.9
TOTAL	349,610	100.0	1.7	356,190	100.0	1.9	366,350	100.0	2.9

** Percentage change are not presented because the International Organization category was not included in the 1986/87 data and, therefore, the percentages are based on different distributions.*

4.B

Foreign Students by Primary Source of Funds, 1988/89

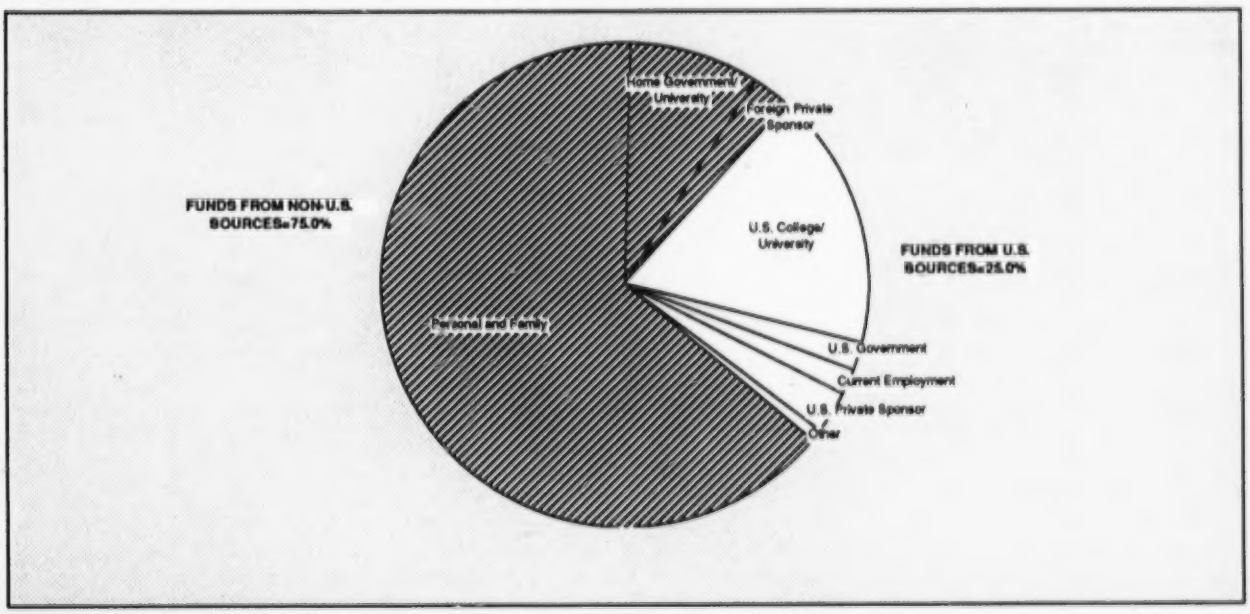


TABLE 4.5

Primary Source of Funds of Foreign Students by Type of Institution Attended, 1988/89

Primary Source of Funds	Type of Institution				
	Two-Year	Four-Year	Year Total	Public	Private
Personal and Family	85.4%	58.5%	62.6%	64.2%	59.6%
U.S. College or University	0.8	20.6	17.6	16.3	19.9
Home Government/University	2.9	8.8	7.8	8.0	7.3
U.S. Private Sponsor	4.4	2.7	3.0	2.5	4.1
U. S. Government	2.7	2.3	2.4	2.8	1.4
Foreign Private Sponsor	1.5	2.5	2.3	1.8	3.4
Current Employment	1.7	2.1	2.0	1.7	2.5
International Organization	0.4	0.9	0.8	0.8	0.9
Other	0.2	1.8	1.5	1.9	0.9

TABLE 4.6

Foreign Students by Visa Type, 1986/87-1988/89

Visa Type	1986/87		1987/88		1988/89	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
F Visa	283,230	81.0	282,920	79.4	289,400	79.0
J Visa	38,310	11.0	43,240	12.1	45,740	12.5
M Visa	470	0.1	460	0.1	330	0.1
Other Visa	17,930	5.1	21,400	6.0	23,590	6.4
Refugee	9,670	2.8	8,170	2.3	7,290	2.0
TOTAL	349,610	100.0	356,190	100.0	366,350	100.0

governments funded 8.0% of all students in public and 7.3% of all students in private institutions; the U.S. government 2.8% and 1.4%, respectively). Trends within public and private institutions reflect the trends affecting the whole foreign student population; both types of institutions provided primary support to an increasing proportion of foreign students.

VISA TYPE

Most students were in the United States on F visas (79.0%) last year; a significant proportion were on J visas (12.5%), with smaller numbers on other types of visas (6.5% all told) or with refugee status (2.0%). These figures represent a continuing slight decline in the percentage of students on F visas coupled with slight increases in J and other visas (**Table 4.6**).

A much greater percentage of students in two-year institutions (12.9%) than in four-year institutions (0.5%) were refugees. The same relationship holds for "other" visas (13.4% and 5.5%, respectively). Conversely, the proportion of J visa holders attending four-year institutions (13.9%) greatly outnumbered the proportion of students with such visas in two- year institutions (2.0%). Foreign students in public and private institutions showed no significant differences from the national average (**Table 4.7**). Definitions of visa types appear in the front of this publication.

TABLE 4.7

Visa Type of Foreign Students by Type of Institution Attended, 1988/89

Visa Type	Type of Institution				
	Two-Year	Four-Year	Year Total	Public	Private
F Visa	71.2	80.1	79.0	77.4	81.9
J Visa	2.0	13.9	12.5	12.7	12.1
M Visa	0.5	—	0.1	0.1	0.1
Other Visa	13.4	5.5	6.4	6.9	5.6
Refugee	12.9	0.5	2.0	2.9	0.3

5. DISTRIBUTION BY U.S. REGION AND STATE

DISTRIBUTION BY U.S. REGION

The regional distribution of foreign students changed slightly between 1987/88 and 1988/89. The Northeast region again led in enrollments, with 90,784 foreign students, a 7.2% increase over the previous year, thereby widening its lead over the Midwest. In the Midwest there were 81,398 foreign students, a 2.3% increase, amounting to 1,811 more students. The South, which had been the leading region until 1985/86 and is now in third place, had a total of 77,646 in 1988/89, a 2.4% increase. Enrollments in the Pacific region increased by 1.5% to 66,255. In two regions, the numbers of foreign students decreased: the Southwest lost 2.4% of its students, decreasing 907 to 37,553 and the Mountain region had 1.7% fewer students, for a total of 11,367.

TABLE 5.0

Foreign Students by U.S. Region and Percent Change, 1987/88-1988/89

U.S. Region	Foreign Students 1987/88	Foreign Students 1988/89	% Change
Northeast	84,252	90,784	7.2
Midwest	79,587	81,398	2.3
South	75,823	77,646	2.4
Pacific	65,256	66,255	1.5
Southwest	38,460	37,553	-2.4
Mountain	11,562	11,367	-1.7
Other	1,247	1,351	8.3
TOTAL	356,187	368,354	2.9

5.A
Foreign Students by U.S. Region, 1954/55 - 1988/89

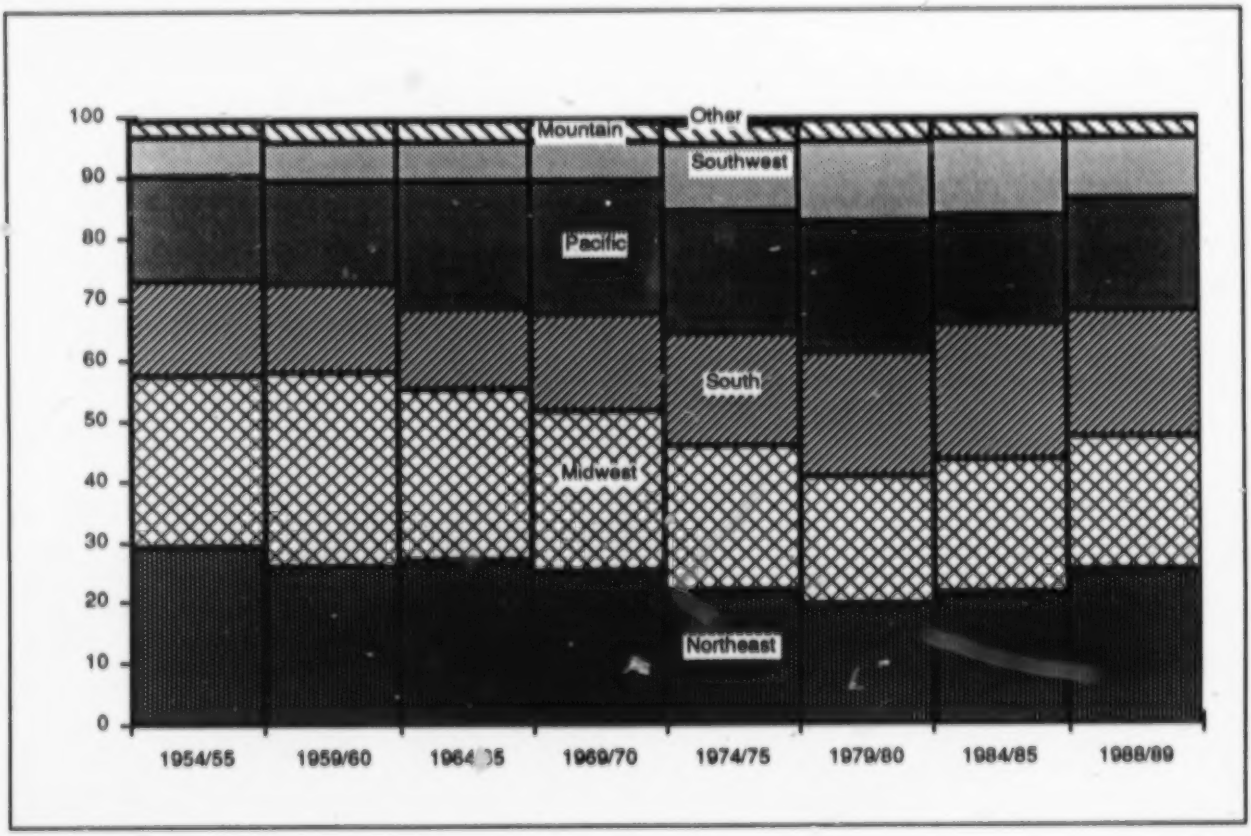


TABLE 5.1

Foreign Students by U.S. Region, Selected Years, 1954/55 - 1988/89

Region	1954/55		1959/60		1964/65		1969/70	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Northeast	9,906	28.9	12,608	26.0	21,869	26.7	33,826	25.1
Midwest	9,717	28.4	15,444	31.9	23,389	28.5	35,585	26.4
South	5,337	15.6	7,058	14.6	10,999	13.4	21,899	16.2
Pacific	5,929	17.3	8,277	17.1	17,124	20.9	29,720	22.0
Southwest	2,250	6.6	3,116	6.4	5,183	6.3	8,071	6.0
Mountain	989	2.9	1,810	3.7	3,040	3.7	4,590	3.4
Other	104	0.3	173	0.4	441	0.5	1,268	0.9
TOTAL	34,232	100.0	48,486	100.0	82,045	100.0	134,959	100.0

Region	1974/75		1979/80		1984/85		1988/89	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Northeast	33,695	21.8	55,228	19.3	72,703	21.2	90,784	24.8
Midwest	37,007	23.9	61,044	21.3	75,444	22.1	81,398	22.2
South	29,012	18.8	58,254	20.3	76,034	22.2	77,646	21.2
Pacific	31,117	20.1	62,029	21.7	61,785	18.1	66,255	18.1
Southwest	16,537	10.7	37,918	13.2	43,699	12.8	37,553	10.2
Mountain	5,245	3.4	10,023	3.5	10,978	3.2	11,367	3.1
Other	1,979	1.3	1,847	0.7	1,470	0.4	1,351	0.4
TOTAL	154,592	100.0	286,343	100.0	342,113	100.0	366,354	100.0

TABLE 5.2

World Region and Subregion of Origin of Foreign Students by U.S. Region, 1988/89

World Region	U.S. Region							All of U.S.
	Northeast	Midwest	South	Southwest	Mountain	Pacific	Other	
Africa	**20.3**	**22.3**	**31.3**	**14.4**	**3.0**	**8.7**	**0.0**	**100.0**
North Africa	23.0	27.0	23.9	10.2	5.7	10.2	0.0	100.0
Sub-Saharan Africa[1]	19.7	21.2	33.0	15.9	2.3	8.3	0.0	100.0
Asia	**23.9**	**26.1**	**15.5**	**10.6**	**3.1**	**20.7**	**0.1**	**100.0**
East Asia	25.5	25.0	14.6	9.0	3.5	22.3	0.1	100.0
South and Central Asia	30.2	25.3	19.4	12.8	2.5	9.7	0.0	100.0
Southeast Asia	14.6	29.7	14.8	13.0	2.4	25.4	0.1	100.0
Europe	**33.7**	**18.8**	**20.3**	**6.9**	**3.4**	**16.8**	**0.1**	**100.0**
Eastern Europe	53.0	24.2	21.1	5.5	2.6	13.6	0.0	100.0
Western Europe	33.7	18.4	20.3	7.0	3.5	16.9	0.1	100.0
Latin America	**10.0**	**6.9**	**20.0**	**56.6**	**1.3**	**4.2**	**0.9**	**100.0**
Caribbean	23.0	8.5	56.3	4.9	1.0	2.4	3.9	100.0
Central America	13.0	15.3	35.3	21.6	2.8	11.2	0.9	100.0
South America	24.6	16.3	34.1	10.3	3.5	10.1	1.0	100.0
Middle East	**19.5**	**23.5**	**21.9**	**12.3**	**4.0**	**18.7**	**0.0**	**100.0**
North America	**20.0**	**29.5**	**13.3**	**5.7**	**8.5**	**14.0**	**0.0**	**100.0**
Oceania	**15.9**	**13.2**	**9.5**	**7.2**	**4.3**	**39.0**	**10.9**	**100.0**
All Foreign Students	**24.7**	**22.2**	**21.2**	**10.2**	**3.1**	**18.1**	**0.4**	**100.0**

[1]*Includes Eastern, Central, Southern and West Africa.*

5.B

Distribution of Foreign Students in U.S. Regions by World Region of Origin, 1988/89

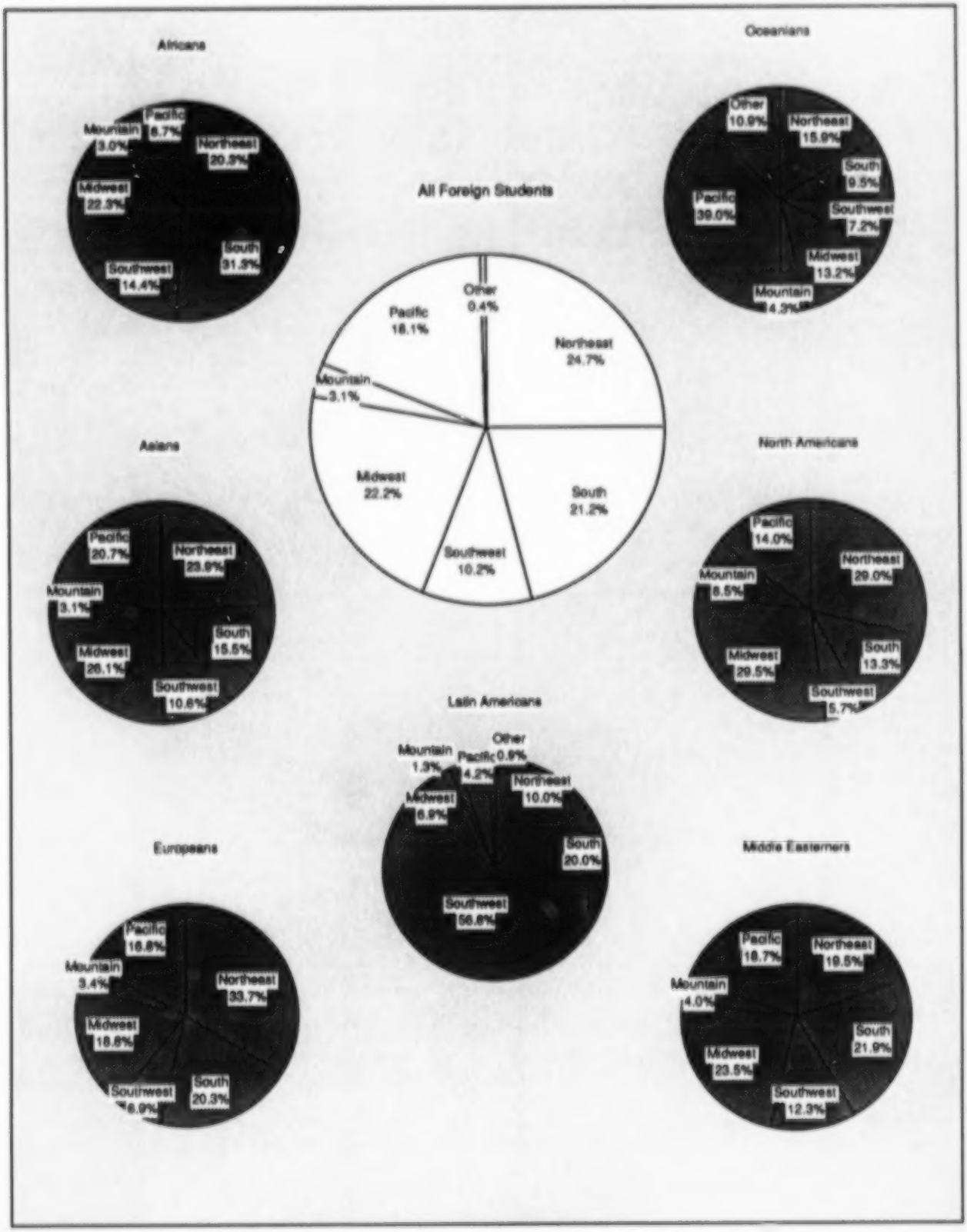


TABLE 5.3

Distribution of Foreign Students from Leading Places of Origin Among U.S. Regions, 1988/89

Locality	U.S. Region							All of U.S.
	Northeast	Midwest	South	Southwest	Mountain	Pacific	Other	
China	29.8	26.6	15.4	8.4	4.4	15.2	0.1	100.0
Taiwan	24.1	27.3	14.5	12.5	2.3	19.3	0.1	100.0
Japan	24.2	18.2	15.0	4.5	5.3	32.6	0.2	100.0
India	32.6	24.8	20.4	11.4	2.0	8.8	0.0	100.0
Korea, Rep. of	12.0	14.0	60.4	4.8	1.3	7.6	0.0	100.0
Malaysia	12.1	37.4	17.3	16.0	2.3	14.9	0.0	100.0
Canada	39.3	30.8	11.7	6.0	8.9	14.5	0.0	100.0
Hong Kong	22.8	22.9	9.9	10.6	3.3	30.6	0.1	100.0
Iran	14.5	18.1	23.2	15.0	3.8	25.4	0.0	100.0
Indonesia	11.1	22.9	11.9	11.1	2.8	40.1	0.0	100.0
Pakistan	24.0	27.3	16.2	17.7	3.7	11.2	0.0	100.0
United Kingdom	34.0	16.1	24.8	7.2	3.1	15.0	0.0	100.0
Thailand	19.7	28.1	14.1	13.0	3.1	22.0	0.0	100.0
Germany, F.R.	28.9	19.8	20.3	8.2	3.8	18.9	0.1	100.0
Nigeria	13.5	17.9	34.9	26.5	1.7	5.5	0.0	100.0

TABLE 5.4

World Region of Origin of Foreign Students Within U.S. Regions, 1988/89

U.S.Region	World Region of Origin							Total
	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	
Northeast	6.1	52.0	16.4	10.4	8.9	5.5	0.7	100.0
Midwest	6.9	58.6	9.4	7.4	11.1	5.8	0.8	100.0
South	10.8	38.9	11.4	23.8	11.6	3.0	0.5	100.0
Southwest	9.8	52.1	7.6	14.5	12.8	2.5	0.7	100.0
Mountain	6.3	47.1	11.8	9.3	12.9	11.4	1.2	100.0
Pacific	3.6	61.7	11.2	5.9	11.7	3.7	2.2	100.0
Other	0.2	13.6	2.5	54.9	0.7	0.2	27.9	100.0
All U.S. Regions[1]	**7.2**	**52.2**	**11.7**	**12.3**	**11.0**	**4.8**	**1.0**	**100.0**

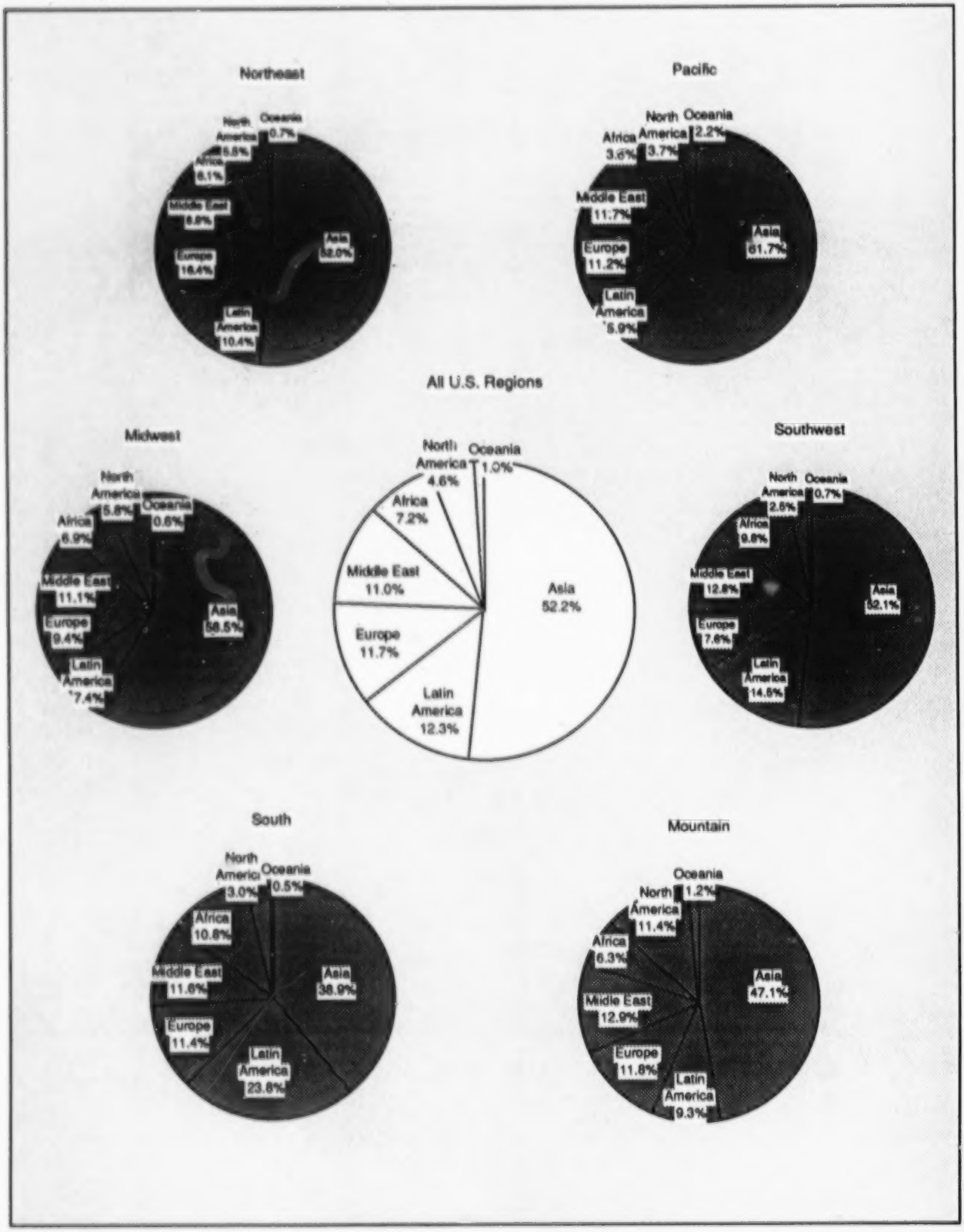
[1]Does not include 0.1% of foreign students classified as stateless.

The "Other" region experienced an 8.3% increase in foreign student enrollments, with a total gain of 104 students (**Table 5.0**) (**Appendix A5 lists the states and territories within each U.S. region**).

The leading region, the Northeast, accounted for almost one-quarter of the foreign student population (24.8%), while the next two, the Midwest and the South, each accounted for slightly over one-fifth, 22.2% and 21.1% respectively (**Table 5.1**). Not too far behind was the Pacific region with 18.1% of the total foreign student population. The remaining regions accounted for smaller proportions: the Southwest had 10.2%, the Mountain region had 3.1%, and the "Other" had 0.4%.

Foreign students have not always been so evenly distributed among U.S. regions. As shown in **Table 5.1** and **Figure 5.A**, from 1954 to 1969, more than half of them attended institutions in the Northeast and Midwest, with almost one-third studying in the Midwest by the late fifties. The regional distribution remained relatively stable until the mid-seventies. Then, in the late seventies, enrollments and rankings began to fluctuate. The Pacific region, which had ranked third for many years, became the leading region in foreign student enrollment until 1980/81, but dropped to fourth place by 1982/83. During the same time, enrollments in the fourth-ranked South increased rapidly, dominating for the first time in 1983/84 and remaining first until 1985/86, when it fell to third place.

5.C
World Region of Origin of Foreign Students by U.S. Region, 1988/89



Distribution by World Region of Origin. Students from different world regions displayed different preferences for schools in the various U.S. regions, as shown in **Table 5.2** and **Figure 5.B**. Africans in general (31.3%), and sub-Saharan Africans in particular (33.0%), showed a greater preference for institutions in the South than foreign students overall (21.2%). Conversely, Africans were underrepresented in the Pacific region, 8.7% attending schools there, compared to 18.1% of all foreign students.

Europeans were concentrated in the Northeast: nearly three out of ten (33.7%) attended schools in this region, although less than a quarter of the entire foreign student body (24.7%) could be found there. By contrast, Europeans chose institutions in the Midwest, the South, and the Southwest less frequently than all foreign students.

Due, in part, to geographic proximity and cultural ties, Latin Americans displayed a disproportionately high preference for the South and for the Southwest. Many more of them (40.9%) than of foreign students overall (21.2%) went to the South last year, and 13.9% (compared to 10.8%) went to the Southwest. Conversely, comparatively fewer Latin Americans than students from all world regions were found in the Midwest (6.9% and 22.2%, respectively) and in the Pacific region (4.2% and 18.1%, respectively). Students from the Caribbean exaggerated these trends with 56.3% of them being in the South and only 2.4% in the Pacific.

The distribution of Middle Easterners among U.S. regions more or less follows the norm for all foreign students. However, they chose Northeastern institutions less frequently than all foreign students (19.5% compared to 24.7%) and the Southwest more frequently (12.3% compared to the national average of 10.2%).

North Americans, primarily Canadians, clustered in the regions close to the border, with comparatively high proportions of them in the Midwest (29.5%), the Northeast (29.0%), and the Mountain (8.5%) regions. Not surprisingly, given geographic distance, they were underrepresented in all other U.S. regions.

Oceanians also appear to have been influenced by geography. Four-tenths of them (39.0%) attended schools in the Pacific region, and a disproportionate 10.9% (compared to a national average of 0.4%) were in the "Other" region, which includes Guam.

Because such a large proportion of all foreign students were from Asia, it is not surprising that these students, for the most part, followed the norm for all foreign students. Indeed, they were not following the norm, they were setting it.

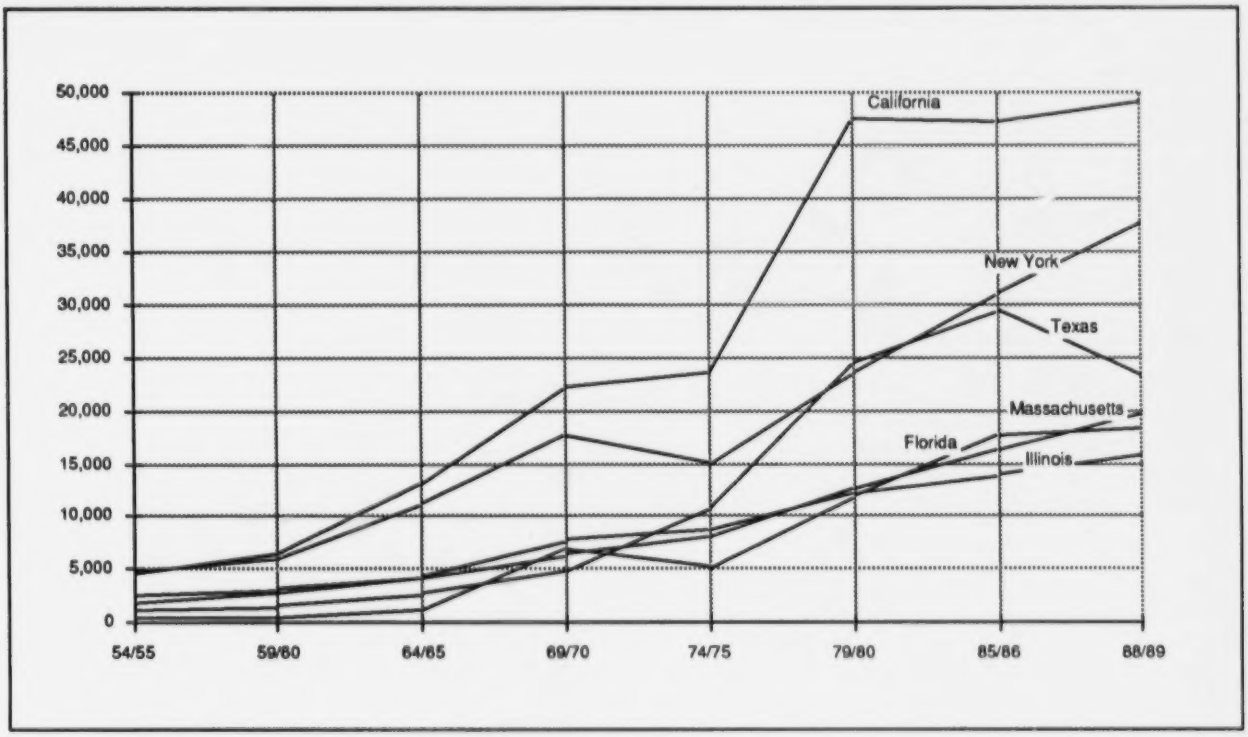
Nonetheless, Asians were not as attracted to the South as other students, only 15.5% of them went there, but chose both the Midwest and the Pacific (26.1% and 20.7%, respectively) more often than foreign students overall.

TABLE 5.5

Foreign Students by U.S. State or Territory and Percent Change, 1987/88-1988/89

State	Foreign Students 1987/88	Foreign Students 1988/89	% Change
Alabama	4,130	4,149	0.5
Alaska	276	290	5.1
Arizona	6,560	6,567	0.1
Arkansas	1,818	1,771	-2.6
California	49,197	49,291	0.2
Colorado	4,439	4,275	-3.7
Connecticut	4,010	4,363	8.8
Delaware	855	893	4.4
District of Columbia	9,298	9,212	-0.9
Florida	18,271	18,487	1.2
Georgia	6,131	5,861	-4.4
Hawaii	3,648	4,034	10.6
Idaho	966	1,098	13.7
Illinois	15,619	15,768	1.0
Indiana	7,088	7,239	2.1
Iowa	5,855	5,971	2.0
Kansas	5,154	5,420	5.2
Kentucky	2,024	2,312	14.2
Louisiana	6,114	5,729	-6.3
Maine	615	713	15.9
Maryland	6,388	7,118	11.5
Massachusetts	18,946	19,808	4.5
Michigan	12,171	12,857	5.6
Minnesota	5,089	5,122	0.6
Mississippi	1,639	2,536	54.7
Missouri	6,223	6,397	2.8
Montana	643	692	7.6
Nebraska	1,801	1,695	-5.9
Nevada	609	695	14.1
New Hampshire	1,288	1,270	-1.4
New Jersey	8,397	9,136	8.8
New Mexico	1,513	1,392	-8.0
New York	34,693	37,802	9.0
North Carolina	5,407	5,479	1.3
North Dakota	1,090	1,163	6.7
Ohio	13,142	13,289	1.1
Oklahoma	6,673	6,354	-4.8
Oregon	6,147	6,395	4.0
Pennsylvania	13,460	14,668	9.0
Rhode Island	1,711	1,739	1.6
South Carolina	2,088	2,127	1.9
South Dakota	704	718	2.0
Tennessee	4,078	4,032	-1.1
Texas	23,714	23,240	-2.0
Utah	4,417	4,136	-6.4
Vermont	1,132	1,285	13.5
Virginia	6,364	6,593	3.6
Washington	5,988	6,245	4.3
West Virginia	1,220	1,347	10.4
Wisconsin	5,651	5,579	1.9
Wyoming	488	471	-3.5
Guam	529	497	-6.0
Puerto Rico	466	589	26.4
Virgin Islands	252	265	5.2
TOTAL	356,187	366,354	2.9

5.D
Foreign Student Enrollments in States with the Most Foreign Students, 1954/55 - 1988/89



Leading Countries or Other Places of Origin. **Table 5.3** shows the distribution among the U.S. regions of foreign students from each of the 15 countries or other places which sent the most students students in 1988/89. Nigerians are greatly overrepresented in both the South (34.9%) and the Southwest (26.5%). Similarly, 37.4% of all Malaysian students could be found in the Midwest. Several countries were overrepresented in the Pacific, including Japan (32.6%), Hong Kong (30.6%), and Indonesia (40.1%). Interestingly, students from Taiwan and South Korea showed an above average affinity for the Midwest, and students from China for the Northeast and the Midwest.

Origin of Foreign Students Within U.S. Regions. Another way of viewing distributional patterns of foreign students in the United States is to examine the region of origin of foreign students attending institutions in each U.S. region (**Table 5.4** and **Figure 5.C**). The foreign student composition in the Northeast was similar to the overall composition of foreign students in the United States last year, except for the overrepresentation of Europeans. In the South, the majority of foreign students came from Asia (38.9%) and Latin America (23.8%), while over half of all foreign students in the Midwest (58.8%) and in the Pacific (61.7%) regions came from that region as well. In the Mountain region, Asians (47.1%) and Middle Easterners (12.9%) made up over half of the foreign student population. Of the students enrolled in U.S. territories (the "Other" category), over three-quarters were from Oceania (27.9%) and Latin America (54.9%).

DISTRIBUTION BY U.S. STATE

The number of foreign students reported in each U.S. state and territory in 1988/89 is listed in **Table 5.5**, along with figures for 1987/88 and the percentage change. The distribution among states is illustrated in **Figure 5.D**. The data show that foreign student enrollments fluctuated widely from state to state, ranging from fewer than 300 in theVirgin Islands to nearly 50,000 in California. Nine states had more than 10,000 foreign students, while seven states, two territories, and the commonwealth of Puerto Rico had fewer than 1,000.

States with the Most Foreign Students. On **Table 5.6** are shown the 10 states with the largest foreign student populations. California, once again, reported the highest enrollment with 49,291 or 13.5% of the U.S. total. New York followed with 37,802 or 10.3% of the nation's total. Texas, despite its recent declines,

TABLE 5.6

States with the Most Foreign Students and Percent Share, Selected Years, 1954/55-1988/89

1954/55

State	Foreign Students	% of Total
New York	4,877	14.2
California	4,608	13.5
Massachusetts	2,524	7.4
Michigan	2,293	6.7
Illinois	1,871	5.5
Pennsylvania	1,299	3.8
Texas	1,205	3.5
District of Columbia	1,200	3.5
Indiana	1,069	3.1
Ohio	991	2.9
TOTAL	**21,937**	**64.1**

1959/60

State	Foreign Students	% of Total
California	6,457	13.3
New York	6,069	12.5
Michigan	3,259	6.7
Massachusetts	3,136	6.5
Illinois	2,889	6.0
District of Columbia	2,020	4.2
Indiana	1,819	3.7
Pennsylvania	1,734	3.6
Texas	1,574	3.2
Ohio	1,550	3.2
TOTAL	**30,507**	**62.9**

1964/65

State	Foreign Students	% of Total
California	13,113	16.0
New York	11,159	13.6
Michigan	5,014	6.1
Illinois	4,425	5.4
Massachusetts	4,116	5.0
Pennsylvania	3,538	4.3
District of Columbia	3,067	3.7
Texas	2,704	3.3
Indiana	2,283	2.8
Ohio	2,255	2.8
TOTAL	**51,674**	**63.0**

1969/70

State	Foreign Students	% of Total
California	22,170	16.4
New York	17,701	13.1
Illinois	7,795	5.8
Florida	6,939	5.2
Michigan	6,774	5.0
Massachusetts	6,352	4.7
Pennsylvania	5,248	3.9
Texas	4,902	3.6
Ohio	4,121	3.1
District of Columbia	3,949	2.9
TOTAL	**85,951**	**63.7**

1974/75

State	Foreign Students	% of Total
California	23,631	15.3
New York	15,011	9.7
Texas	10,703	6.9
Illinois	8,744	5.7
Massachusetts	7,976	5.2
Michigan	7,087	4.6
District of Columbia	6,398	4.1
Florida	5,133	3.3
Pennsylvania	4,898	3.3
Ohio	3,907	2.5
TOTAL	**93,488**	**60.5**

1979/80

State	Foreign Students	% of Total
California	47,621	16.6
Texas	24,416	8.5
New York	23,569	8.2
Massachusetts	12,607	4.4
Illinois	12,218	4.3
Florida	11,919	4.2
Michigan	10,559	3.7
Pennsylvania	8,919	3.1
Ohio	8,672	3.0
District of Columbia	8,499	3.0
TOTAL	**168,999**	**59.0**

1984/85

State	Foreign Students	% of Total
California	47,318	13.8
New York	31,064	9.1
Texas	29,429	8.6
Florida	17,658	5.2
Massachusetts	16,357	4.8
Illinois	13,935	4.1
Michigan	12,175	3.5
Ohio	12,026	3.5
Pennsylvania	11,586	3.4
District of Columbia	9,798	2.9
TOTAL	**201,346**	**58.2**

1988/89

State	Foreign Students	% of Total
California	49,291	13.5
New York	37,802	10.3
Texas	23,240	6.3
Massachusetts	19,808	5.4
Florida	18,487	5.0
Illinois	15,768	4.3
Pennsylvania	14,668	4.0
Ohio	13,289	3.6
Michigan	12,857	3.5
District of Columbia	9,212	2.5
TOTAL	**214,422**	**58.4**

TABLE 5.7

Leading Places of Origin of Foreign Students in Leading U.S. States, 1988/89

U.S. State	Place of Origin										
	All Countries	China	Taiwan	Japan	India	Korea, Rep. of	Malaysia	Canada	Hong Kong	Iran	Indonesia
California	13.5	10.9	17.0	18.9	7.0	12.3	10.0	8.8	27.4	22.4	30.5
New York	10.3	12.6	11.0	9.5	11.1	11.6	4.4	11.0	9.7	5.0	3.9
Texas	6.3	5.3	7.8	2.1	7.1	6.2	7.5	3.3	7.2	8.2	5.7
Massachusetts	5.4	5.7	3.7	6.9	5.8	3.8	2.2	7.7	5.5	4.6	2.9
Florida	5.0	1.9	2.4	1.7	3.3	2.2	2.4	3.2	1.5	3.6	1.8
Illinois	4.3	5.7	5.4	2.9	4.8	6.3	6.0	2.7	3.8	2.8	2.8
Pennsylvania	4.0	5.5	4.2	4.3	7.4	5.6	2.6	3.3	2.5	2.4	2.7
Ohio	3.6	3.8	3.3	2.5	5.2	4.3	6.8	2.3	2.5	2.2	4.0
Michigan	3.5	4.0	4.2	2.8	3.5	4.9	4.0	12.8	2.2	2.8	2.3
District of Columbia	2.5	1.2	0.7	1.7	1.0	2.2	1.0	1.1	0.4	3.7	1.2
Total, 10 Leading States	**58.4**	**56.6**	**59.7**	**53.3**	**56.2**	**59.4**	**46.9**	**56.2**	**62.7**	**57.7**	**57.8**
YEAR TOTAL	**100.0**	**7.9**	**7.9**	**6.6**	**6.4**	**5.6**	**4.4**	**4.4**	**2.9**	**2.4**	**2.4**

remained third, with 23,240 or 6.3% of the national total. Rounding out the top five were Massachusetts with 19,808 students or 5.4% of the national figure and Florida with 18,487 or 5.0%.

Nine of the ten leading states in 1988/89 have been on the list since 1955. States included on the list have not changed since 1966/67, when Florida replaced Indiana.

The ranking of the top ten states has fluctuated over the years (**Table 5.6** and **Figure 5.D**), with several changes occurring in 1980/81, when New York moved from third place into second, pushing Texas into third, and Florida jumped from sixth to fourth place. No changes occurred from 1980/81 to 1984/85, but in 1985/86, Ohio replaced Michigan as the state with the sixth largest foreign student population, and in 1986/87 Massachusetts replaced Florida as the state with the fourth largest foreign student population. In 1987/88, Pennsylvania jumped from ninth to seventh place, bypassing Michigan and Ohio. In1988/89, the rankings were identical to those in the previous year.

Gains and Losses. Although the overall increase in the number of foreign students was modest (2.9%), substantial changes in enrollments occurred in many U.S. states and territories, as can be seen by examining **Table 5.5**. The gains and losses of foreign students by state are displayed in both percentage and absolute terms. It is important to remember that large percentage increases may be the result of small absolute numbers subject to variation from year to year. Thirty-four states or territories experienced increases in the numbers of foreign students studying within their borders last year. In absolute terms, only three states gained more than 1,000 students and none lost as many as 1,000. New York had the largest increase with 3,109 more students a 9.0% increase, and Pennsylvania followed with an increase of 1,208 students or 9.0%. Next was Mississippi with 897 additional students for an increase of 54.7%, and finally was Massachusetts with 862 or 4.5% more students. In the past year there were no major absolute losses; the largest occurred in Texas, where there were 474 or 2.0% fewer students; Louisiana, with 385 or 6.3 fewer students; Oklahoma 319 or 4.8% fewer; New Mexico, 121 or 8.0% fewer, and Nebraska, a 106 or 5.9% drop.

In percentage terms, the largest gains in foreign students (with changes in absolute numbers of students in parenthesis) were registered by Mississippi with a 54.7% increase (897), Puerto Rico, 26.4% (123), Maine, 15.9% (98), Kentucky, 14.2% (288), Nevada, 14.1% (86), and Vermont, 13.5% (153).

Leading Places of Origin. Students from some countries and places of origin have a tendency not only to favor a specific U.S. region but even a specific state. This can be seen in **Table 5.7** which presents the distribution of students from each of the ten leading countries or other places among the ten states with the highest foreign student enrollments. California is involved in a number of these patterns, as 27.4% of students from Hong Kong, and 30.5% of Indonesian students, 22.4% of Iranian students, and 18.9% of Japanese students chose to study in that state. A substantial share of students from Taiwan (17.0%) were also in California. In the case of New York, only China's students were somewhat overrepresented, with 12.6%. Also interesting is the fact that, although only 3.5% of all

TABLE 5.8

Number of Nationalities of Foreign Students by State, 1988/89

State	Foreign Students	Number of Nationalities
Alabama	4,149	128
Alaska	290	43
Arizona	6,567	138
Arkansas	1,771	101
California	49,291	168
Colorado	4,275	134
Connecticut	4,363	131
Delaware	893	81
District of Columbia	9,212	162
Florida	18,487	152
Georgia	5,861	140
Hawaii	4,034	94
Idaho	1,098	93
Illinois	15,768	145
Indiana	7,239	132
Iowa	5,971	133
Kansas	5,420	132
Kentucky	2,312	111
Louisiana	5,729	124
Maine	713	81
Maryland	7,118	136
Massachusetts	19,808	163
Michigan	12,857	148
Minnesota	5,122	128
Mississippi	2,536	94
Missouri	6,397	134
Montana	692	67
Nebraska	1,695	108
Nevada	695	77
New Hampshire	1,270	92
New Jersey	9,136	124
New Mexico	1,392	109
New York	37,802	163
North Carolina	5,479	135
North Dakota	1,163	84
Ohio	13,289	137
Oklahoma	6,354	122
Oregon	6,395	121
Pennsylvania	14,668	149
Rhode Island	1,739	109
South Carolina	2,127	126
South Dakota	718	65
Tennessee	4,032	125
Texas	23,240	155
Utah	4,136	116
Vermont	1,285	87
Virginia	6,593	135
Washington	6,245	132
West Virginia	1,347	96
Wisconsin	5,759	136
Wyoming	471	62
Guam	497	13
Puerto Rico	589	51
Virgin Islands	265	11
TOTAL	**366,354**	**186**

foreign students were in Michigan, 12.8% of all Canadians were studying in that state.

Number of Nationalities. As shown in **Table 5.8**, different states attracted varying numbers of students with different nationalities in the past year. Thirty-seven states had students from more than 100 nations or other places. California had the most diverse population, with students from 168 separate places of origin, Massachusetts and New York had students from 163 different places, the District of Columbia from 162, and Florida from 152. Four states with fewer than 2,000 students nonetheless had over 100 places of origin represented among their foreign students populations. These were Arkansas (101), Nebraska (108), New Mexico (109), and Rhode Island (109). The most nationalities for any state with fewer than 1,000 students were reported by Maine, whose 713 students came from 81 different countries or other places; Delaware, also with 81 countries and 893 students; and Nevada with 695 students from 77 countries.

6. DISTRIBUTION IN TWO- AND FOUR-YEAR INSTITUTIONS

ALL INSTITUTIONS

The vast majority of foreign students, 319,662 or 87.3%, attended four-year institutions last year, only about one-eighth of them (12.7%) choosing two-year colleges. This distribution is vastly different from that of all higher education students in the United States,40% of whom were enrolled in two-year institutions, as shown in **Figure 6.A**.

As seen in Table 6.0, the proportion of foreign students attending two-year schools rose steadily from 10.6% in 1970 to a peak of 17.4% ten years later, but then began falling. By 1983/84, it reached 12.8% and has hovered around 13% since then.

Distribution by State. **Table 6.1** lists the numbers and percentages of foreign students in two- and four-year institutions for each state and territory in the United States (illustrated in **Figure 6.B**). Given the large majority of all foreign students in four-year institutions (87.3%), it is not surprising that in every state and territory the majority of the students attended such institutions. However, some states are extreme examples of this; for instance, both the District of Columbia and the Virgin Islands reported that all of their

TABLE 6.0

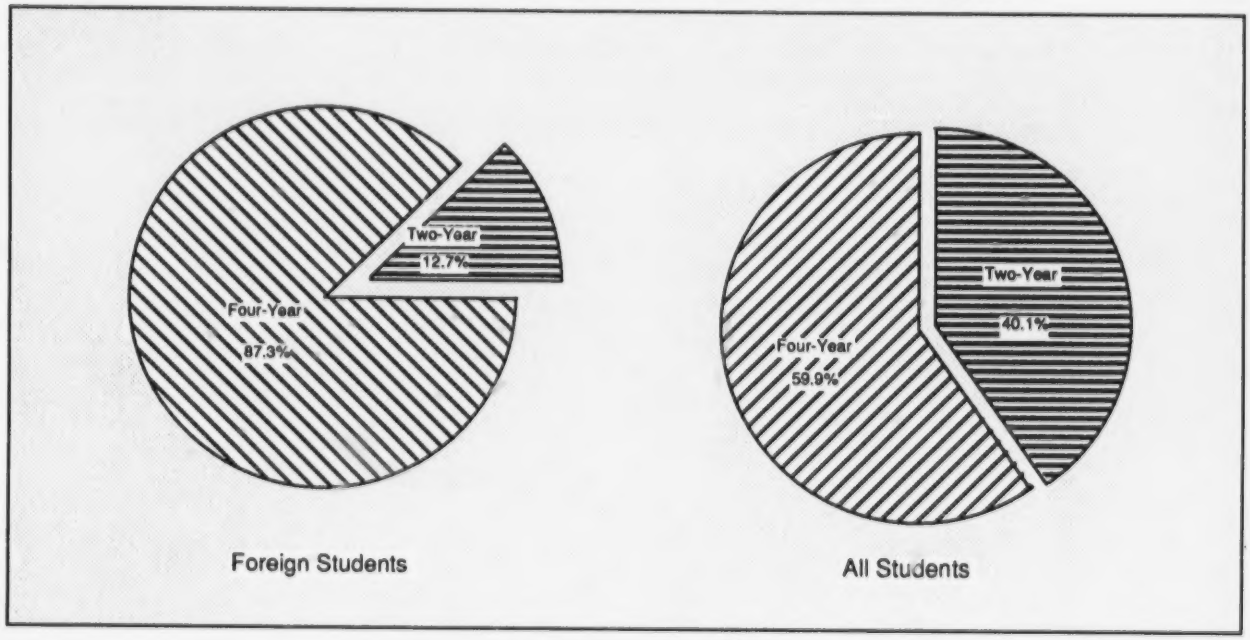
Foreign Students and All Students in Two- and Four-Year Institutions, Selected Years, 1970/71-1988/89

Year	Foreign Students		All Students[1]	
	Two-Year	Four-Year	Two-Year	Four-Year
1970/71	10.6%	89.4%	26.0%	74.0%
1975/76	14.4	85.6	34.1	65.9
1978/79	16.3	83.7	35.7	64.3
1979/80	17.4	82.6	36.3	63.7
1980/81	17.4	82.6	37.1	62.9
1981/82	15.4	84.6	38.1	61.9
1982/83	14.2	85.8	38.4	61.6
1983/84	12.8	87.2	39.3	60.7
1984/85	12.3	87.7	44.0	56.0
1985/86	12.2	87.8	38.6	61.4
1986/87	12.2	87.8	39.8	60.2
1987/88	12.9	87.1	39.3	60.7
1988/89	12.7	87.3	40.1	59.9

[1]Percentages for reported total enrollments from 1970/71 to 1982/83 are based on figures from the National Center for Education Statistics, Washington, D.C. Figures since 1983/84 are from the College Board, New York, NY.

6.A

Foreign Students and All Students in Two- and Four-Year Institutions, 1988/89



6.B
Foreign Students in Two- and Four-Year Institutions by State, 1988/89

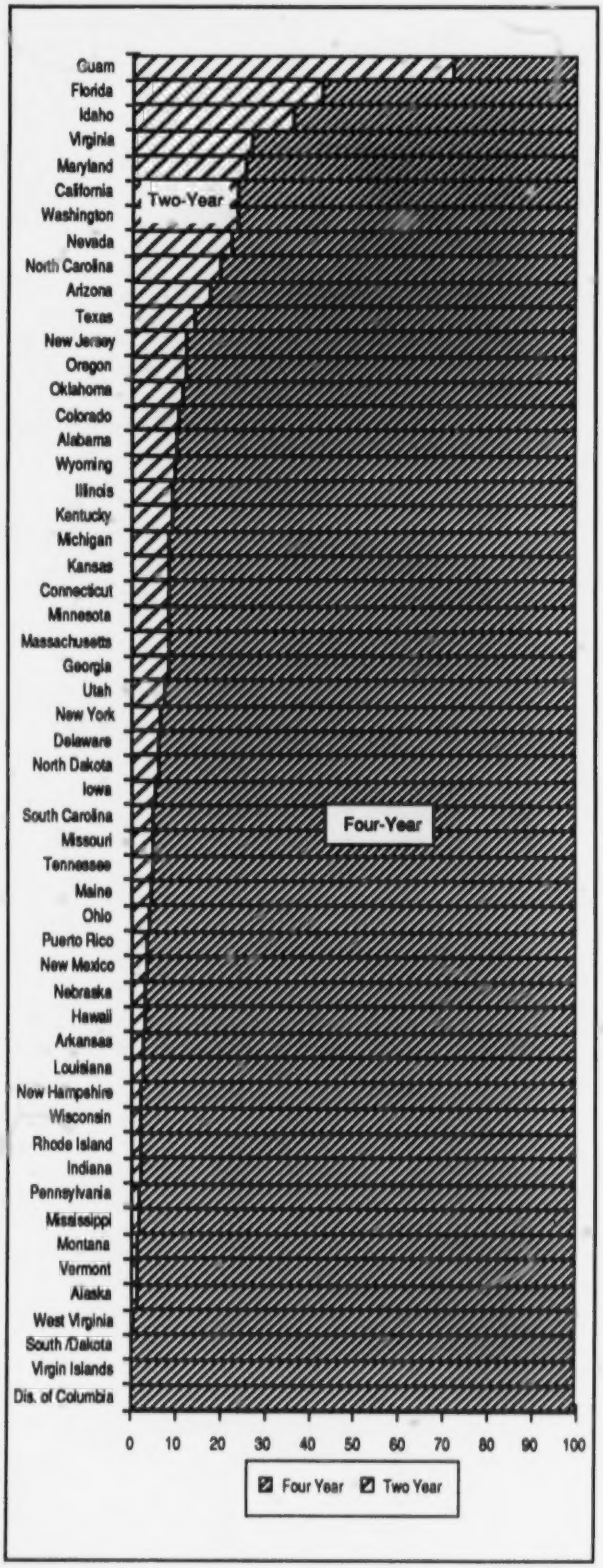


TABLE 6.1

Foreign Students in Two- and Four-Year Institutions by State, 1988/89

	Two-Year		Four-Year		
State	**Number**	**%**	**Number**	**%**	**Total**
Alabama	431	10.4	3,718	89.6	4,149
Alaska	4	1.4	286	98.6	290
Arizona	1,172	17.8	5,395	82.2	6,567
Arkansas	53	3.0	1,718	97.0	1,771
California	11,789	23.9	37,502	76.1	49,291
Colorado	458	10.7	3,817	89.3	4,275
Connecticut	369	8.5	3,994	91.5	4,363
Delaware	55	6.2	838	93.8	893
Dis. of Columbia	—	—	9,212	100.0	9,212
Florida	7,885	42.7	10,602	57.3	18,487
Georgia	487	8.3	5,374	108.8	5,861
Hawaii	133	3.3	3,901	96.7	4,034
Idaho	396	36.1	702	63.9	1,098
Illinois	1,487	9.4	14,281	90.6	15,768
Indiana	161	2.2	7,078	97.8	7,239
Iowa	332	5.6	5,639	94.4	5,971
Kansas	463	8.5	4,957	91.5	5,420
Kentucky	212	9.2	2,100	90.8	2,312
Louisiana	153	2.7	5,576	97.3	5,729
Maine	32	4.5	681	95.5	713
Maryland	1,816	25.5	5,302	74.5	7,118
Massachusetts	1,638	8.3	18,170	91.7	19,808
Michigan	1,106	8.6	11,751	91.4	12,857
Minnesota	429	8.4	4,693	91.6	5,122
Mississippi	52	2.1	2,484	97.9	2,536
Missouri	314	4.9	6,083	95.1	6,397
Montana	11	1.6	681	98.4	692
Nebraska	57	3.4	1,638	96.6	1,695
Nevada	156	22.4	539	77.6	695
New Hampshire	32	2.5	1,238	97.5	1,270
New Jersey	1,140	12.5	7,996	87.5	9,136
New Mexico	49	3.5	1,343	96.5	1,392
New York	2,559	6.8	35,243	93.2	37,802
North Carolina	1,091	19.9	4,388	80.1	5,479
North Dakota	71	6.1	1,092	93.9	1,163
Ohio	521	3.9	12,768	96.1	13,289
Oklahoma	724	11.4	5,630	88.6	6,354
Oregon	786	12.3	5,609	87.7	6,395
Pennsylvania	313	2.1	14,355	97.9	14,668
Rhode Island	40	2.3	1,699	97.7	1,739
South Carolina	111	5.2	2,016	94.8	2,127
South Dakota	2	0.3	716	99.7	718
Tennessee	192	4.8	3,840	95.2	4,032
Texas	3,262	14.0	19,978	86.0	23,240
Utah	312	7.5	3,824	92.5	4,136
Vermont	19	1.5	1,266	98.5	1,285
Virginia	1,771	26.9	4,822	73.1	6,593
Washington	1,475	23.6	4,770	76.4	6,245
West Virginia	6	0.4	1,341	99.6	1,347
Wisconsin	141	2.4	5,618	97.6	5,759
Wyoming	45	9.6	426	90.4	471
Guam	357	71.8	140	28.2	497
Puerto Rico	22	3.7	567	96.3	589
Virgin Islands	—	—	265	100.0	265
TOTAL	**46,692**	**12.7**	**319,662**	**87.3**	**366,354**

TABLE 6.2

Foreign Students in Two- and Four-Year Institutions by World Region, Subregion and Leading Place of Origin, 1986/87-1988/89

Region/Locality	Two-Year Institutions			Four-Year Institutions		
	1986/87	1987/88	1988/89	1986/87	1987/88	1988/89
AFRICA	**9.0%**	**10.9%**	**12.4%**	**91.0%**	**89.1%**	**87.6%**
North Africa	**9.0**	**9.9**	**10.3**	**91.0**	**90.1**	**89.7**
Egypt	7.6	8.4	7.4	92.4	91.6	92.6
Morocco	22.5	22.6	24.8	77.5	77.4	75.2
Tunisia	1.7	2.1	2.3	98.3	97.9	97.7
Algeria	1.9	4.4	3.0	98.1	95.6	97.0
Sudan	9.6	14.3	12.7	90.4	85.7	87.3
Libya	12.3	8.4	7.5	87.7	91.6	92.5
Sub Saharan Africa[1]	**9.0**	**11.1**	**12.8**	**91.0**	**88.9**	**87.2**
Nigeria	5.6	7.6	8.7	94.4	92.4	91.3
South Africa	22.2	8.5	9.4	77.8	91.5	90.6
Kenya	7.5	12.2	15.0	92.5	87.8	85.0
Ethiopia	7.7	22.5	25.9	92.3	77.5	74.1
Cameroon	15.5	16.9	14.4	84.5	83.1	85.6
ASIA	**7.4**	**7.0**	**8.1**	**92.6**	**93.0**	**91.9**
East Asia	**6.4**	**6.5**	**6.1**	**93.6**	**93.5**	**91.9**
China	4.8	3.8	4.2	95.2	96.2	95.8
Taiwan	2.6	2.5	3.0	97.4	97.5	97.0
Japan	16.8	18.4	21.1	83.2	81.6	78.9
Korea, Rep. of	2.9	2.6	2.8	97.1	97.4	97.2
Hong Kong	10.1	9.9	13.2	89.9	90.1	86.8
South Central Asia	**5.9**	**6.1**	**5.8**	**94.1**	**93.9**	**94.2**
India	2.7	2.7	3.1	97.3	97.3	96.9
Pakistan	13.7	13.6	11.3	86.3	86.4	88.7
Bangladesh	6.4	10.2	12.3	93.6	89.8	87.7
Sri Lanka	11.0	10.3	8.9	89.0	89.7	91.1
Nepal	6.2	8.3	7.8	93.8	91.7	92.2
Southeast Asia	**10.1**	**8.9**	**10.0**	**89.9**	**91.1**	**90.0**
Malaysia	3.0	3.5	4.3	97.0	96.5	95.7
Indonesia	14.7	12.9	14.0	85.3	87.1	86.0
Thailand	7.9	7.7	9.4	92.1	92.3	90.6
Singapore	4.7	4.8	15.8	95.3	95.2	84.2
Philippines	11.7	13.6	6.0	88.3	86.4	94.0
EUROPE	**7.7**	**8.3**	**9.1**	**92.3**	**91.7**	**90.9**
Eastern Europe	**13.3**	**12.1**	**12.8**	**86.7**	**87.9**	**87.2**
Yugoslavia	18.1	5.3	7.1	81.9	94.7	92.9
Poland	3.3	15.6	14.5	96.7	84.4	85.5
Hungary	9.9	11.4	15.3	90.1	88.6	84.7
Western Europe	**7.4**	**8.1**	**8.9**	**92.6**	**91.9**	**91.1**
United Kingdom	6.3	7.1	7.8	93.7	92.9	92.2
Germany, F. R.	8.2	8.0	8.0	91.8	92.0	92.0
France	7.7	9.2	9.5	92.3	90.8	90.5
Greece	5.7	6.5	6.7	94.3	93.5	93.3
Spain	8.3	8.7	9.7	91.7	91.3	90.3
LATIN AMERICA	**23.5**	**25.7**	**26.0**	**76.5**	**74.3**	**74.0**
Caribbean	**28.9**	**28.6**	**27.9**	**71.1**	**71.4**	**72.1**
Jamaica	12.4	16.2	18.2	87.6	83.8	81.8
Trinidad and Tobago	14.2	15.9	16.6	85.8	84.1	83.4
Bahamas	16.4	17.0	20.6	83.6	83.0	79.4
Haiti	58.8	57.8	56.1	41.2	42.2	43.9
Cuba	89.9	92.9	91.9	10.1	7.1	8.1
Central America	**28.4**	**33.0**	**34.5**	**71.6**	**67.0**	**65.5**
Mexico	21.7	27.6	28.0	78.3	72.4	72.0
Nicaragua	76.1	81.6	83.5	23.9	18.4	16.5
Panama	21.2	23.8	21.7	78.8	76.2	78.3
Honduras	19.4	22.1	25.1	80.6	77.9	74.9
El Salvador	21.9	27.2	34.7	78.1	72.8	65.3
South America	**17.0**	**18.0**	**17.8**	**83.0**	**82.0**	**82.2**
Colombia	20.7	22.5	22.7	79.3	77.5	77.3
Brazil	11.4	13.0	13.0	88.6	87.0	87.0
Venezuela	19.0	20.9	19.3	81.0	79.1	80.7
Peru	19.1	19.3	20.0	80.9	80.7	80.0
Argentina	7.9	8.9	10.7	92.1	91.1	89.3
MIDDLE EAST	**14.5**	**15.4**	**16.3**	**85.5**	**84.6**	**83.7**
Iran	16.6	18.7	19.8	83.4	81.3	80.2
Lebanon	11.1	12.6	16.5	88.9	87.4	83.5
Saudi Arabia	13.2	12.0	13.6	86.8	88.0	86.4
Jordan	18.9	19.4	18.9	81.1	80.6	81.1
Turkey	4.9	5.7	5.6	95.1	94.3	94.4
NORTH AMERICA	**7.7**	**8.4**	**9.4**	**92.3**	**91.6**	**90.6**
Canada	7.5	8.2	8.9	92.5	91.8	91.1
Bermuda	12.5	14.3	20.0	87.5	85.7	80.0
OCEANIA	**14.3**	**16.1**	**16.2**	**85.7**	**83.9**	**83.8**
Australia	26.7	4.9	5.8	73.3	95.1	94.2
Pacific Islands, Trust Ter. of	4.6	40.3	45.8	95.4	59.7	54.2
New Zealand	4.9	7.6	4.6	95.1	92.4	95.4
All Foreign Students	**12.2**	**12.9**	**12.7**	**87.2**	**87.1**	**87.3**

[1] *Includes Eastern, Central, Southern and West Africa.*

foreign students were in four-year schools. Two other states, South Dakota (99.7%) and West Virginia (99.6%), each had more than 99% of their foreign students in four-year schools, while Alaska, Montana, and Vermont had more than 98% in four-year schools. Perhaps more interesting, since they counter the prevailing trend, are the states and territories in which high percentages of foreign students can be found in two-year institutions. These included Guam, with 71.8% of its foreign students in two-year institutions and Florida, with 42.7%. Also relatively high were Idaho (36.1%), Maryland (25.5%), and Virginia (26.9%).

World Region, Subregion and Leading Places of Origin. Students from various world regions, subregions, and leading countries or other places within subregions displayed different patterns of enrollment between two- and four-year institutions. These patterns can be observed through an analysis of **Table 6.2**. Thus, examining just one world region, Africa, we find that, in 1988/89, for all Africans this distribution was close to the overall norms, but students from the North African subregion attended two-year colleges less often, (10.3%): it happened that, while nearly one-quarter of Moroccan students (24.8%) were in such institutions, almost no Tunisians (2.3%) attended them. By contrast, as a subregion, sub-Saharan Africa is close to the overall norms, with 25.9% of Ethiopians and 15.0% of Kenyans attending two-year institutions and only 8.7% of Nigerians and 9.4% of South Africans.

Higher proportions of Asians than foreign students overall were in four-year schools with 91.9% in such institutions. Taiwan (97.0%), Korea (97.2%) and India (96.9%) sent particularly high percentages of students to four-year schools.

European students as a whole enrolled in four-year institutions (90.9%) more often than all foreign students, although the rather small contingent of Eastern Europeans was near the overall norm for foreign students (87.2%). A particularly high share of Polish students (14.5%) attended two-year schools, while only 7.1% of Yugoslavian students did so. The proportions of Western Europeans enrolled in two-year institutions ranged from 6.7% (Greece) to 9.7% (Spain).

Latin Americans chose or were sent to two-year schools much more frequently than students from other world regions. In fact, more than a quarter of them (26.0%) attended such schools, twice as many as all foreign students. Attendance in two-year institutions was particularly high among Caribbeans (27.9%) and Central Americans (34.5%). Within Latin America, the South American subregion had relatively few two-year students, with 17.8%, although this is still higher than the average for all foreign students of 12.7%.

Cuba (91.9%), Nicaragua (83.5%), and Haiti (56.1%) all had a majority of their foreign students in two-year schools. The only leading country from the entire Latin American region below the norm in two-year school enrollments was Argentina, with 10.7%.

TABLE 6.3

Foreign Students in Two-Year Institutions by State and Percent Change, 1987/88-1988/89

State	Foreign Students		
	1987/88	1988/89	% Change
Alabama	421	431	2.4
Alaska	25	4	-84.0
Arizona	1,048	1,172	11.8
Arkansas	48	53	10.4
California	11,722	11,789	0.6
Colorado	636	458	-28.0
Connecticut	309	369	19.4
Delaware	53	55	3.8
District of Columbia	0	0	—
Florida	7,822	7,885	0.8
Georgia	447	487	8.9
Hawaii	121	133	9.9
Idaho	351	396	12.8
Illinois	1,684	1,487	-5.5
Indiana	150	161	7.3
Iowa	258	332	28.7
Kansas	442	463	4.8
Kentucky	106	212	100.0
Louisiana	156	153	-1.9
Maine	15	32	113.3
Maryland	1,677	1,816	8.3
Massachusetts	1,742	1,638	-6.0
Michigan	912	1,106	21.3
Minnesota	398	429	7.8
Mississippi	51	52	2.0
Missouri	360	314	-12.8
Montana	5	11	120.0
Nebraska	47	57	21.3
Nevada	85	156	83.5
New Hampshire	39	32	-17.9
New Jersey	1,031	1,140	10.6
New Mexico	52	49	-5.8
New York	2,107	2,559	21.5
North Carolina	1,093	1,091	-0.2
North Dakota	70	71	1.4
Ohio	456	521	14.3
Oklahoma	798	724	-9.3
Oregon	628	786	25.2
Pennsylvania	306	313	2.3
Rhode Island	6	40	566.7
South Carolina	126	111	-11.9
South Dakota	2	2	—
Tennessee	140	192	37.1
Texas	3,872	3,262	-15.8
Utah	369	312	-15.4
Vermont	18	19	5.6
Virginia	1,799	1,771	-1.6
Washington	1,476	1,475	-0.1
West Virginia	8	6	-25.0
Wisconsin	104	141	35.6
Wyoming	60	45	-25.0
Guam	384	357	-7.0
Puerto Rico	18	22	22.2
Virgin Islands	0	0	—
TOTAL	46,053	46,692	1.4

TABLE 6.4

States with the Most Foreign Students in Two-Year Institutions and Percent Share, 1988/89

State	Foreign Students	% of Year Total
California	11,789	25.2
Florida	7,885	16.9
Texas	3,262	7.0
New York	2,559	5.5
Maryland	1,816	3.9
Virginia	1,771	3.8
Massachusetts	1,638	3.5
Illinois	1,487	3.2
Washington	1,475	3.2
Arizona	1,172	2.5
TOTAL	34,854	74.6

The Middle Easterners also attended two-year institutions in above-average proportions, with 16.3%. The only country in this region that had less than 12.7% of its students in such institutions was Turkey (5.6%).

North Americans were primarily found in four-year institutions, with 90.6% in such schools. Students from Bermuda attended two-year institutions at a rate much higher than the national average (20.0%), but the North American foreign student population is composed almost entirely of Canadians, and so the tiny Bermuda foreign student population has little effect on the regional averages.

The Oceanian population is bimodal. Both Australians (94.2%) and New Zealanders (95.4%) strongly preferred four-year institutions; however, students from the Pacific Islands Trust Territories heavily favored two-year institutions, with 45.8% in such schools, raising the regional average for these schools to 16.2%.

Leading Countries or Other Places of Origin. Countries or other places with the highest proportions of students in four-year institutions last year were Tunisia (97.7%), Korea (97.2%), Taiwan (97.0%), India (96.9%), China (95.8%), and Malaysia (95.7%). All but one are in Asia. The places with the highest percentages of two-year students included Cuba (91.9%), Nicaragua (83.5%), Haiti (56.1%) and the Pacific Island Trust Territory (45.8%), all but one in Latin America.

TWO-YEAR INSTITUTIONS

Distribution by State. The population of foreign students studying in two-year institutions rose by 1.4% between 1987/88 and 1988/89 (**Table 6.3**). The additional 639 students brought the 88/89 total to 46,692. Two-year students constituted 12.7% of the total foreign student body, a slight decrease from the previous year (**Table 6.0**). The states with the largest two-year enrollments were California, with 11,789; Florida, with 7,885; Texas, with 3,262; and New York, with 2,559. Nine other states had over 1,000 foreign students in two-year schools. The thirteen states that had over 1,000 stu-

TABLE 6.5

Two-Year Institutions with the Most Foreign Students and Percent Change, 1987/88-1988/89

Rank			Foreign Students		
1987/88	1988/89	Institution	1987/88	1988/89	% Change
1	1	Miami-Dade Community College, FL	5,148	5,080	-1.3
2	2	Northern Virginia Community College, VA	1,650	1,650	—
5	3	Montgomery College, Rockville, MD	841	911	8.3
7	4	Santa Monica College, CA	800	900	12.5
3	5	Chaffey Community College, CA	881	753	-14.5
4	6	Bunker Hill Community College, MA	851	723	-15.0
9	7	Central Piedmont Community College, NC	673	715	6.2
—	8	Pima Community College, AZ	552	646	17.0
—	9	Broward Community College, FL	530	633	19.4
10	10	Los Angeles City College, CA	622	625	0.5
Total, 10 Leading Two-Year Institutions			12,963[1]	12,636	-2.5
% of All Two-Year Institutions			28.1[1]	27.1	
TOTAL, ALL TWO-YEAR INSTITUTIONS			46,053	46,692	1.4

[1]*Totals are for the ten leading two-year institutions of 1987/88 which included San Antonio College, TX (ranked sixth) and Loop College, IL (ranked eigth).*

dents in such institution accounted for 75% of the total two-year foreign student population (**Table 6.4**).

Gains and Losses. Overall 34 states and territories gained two-year foreign students. Of these, 14 experienced increases of 20% or more, but, of these fourteen, only Michigan, New Jersey, and Oregon gained more than 100 actual students. In percentage terms, the largest gains were registered by Rhode Island (566.7%), Maine (113.3%), Montana (120.0%), and Kentucky (100.0%). On the other side of the board, nine states lost as much as 10% of their total two-year foreign student population, but only Colorado, Illinois, Massachusetts, and Texas lost as many as 100 students. The largest losers in percentage terms were Colorado (28%), and West Virginia and Wyoming (25.0% each).

In absolute terms, the largest increases were registered by states that did not show the largest percentage increases. The single largest gain occurred in New York, where the two-year foreign student population increased by 452 and Michigan had 194 additional students. In four states, Arizona, Maryland, New Jersey, and Oregon, 100 additional students enrolled in two-year institutions.

Two-Year Institutions with the Most Foreign Students. Data in **Table 6.5** show that, once again, Miami-Dade Community College had more foreign students than any other two-year college in the country, with 5,080. Indeed, its total was approximately three times that of the number two school, Northern Virginia Community College which had 1,650. No other two-year school had as many as 1,000 students. Montgomery College in Rockville, Maryland became the third largest two-year school last year. Two institutions appeared among the ten largest institutions in 1988/89 that were not included in 1987/88: Pima Community College in Arizona and Broward Community College in Florida. These ten schools account for over one-quarter of the total two-year foreign student body (27.1%).

Two institutions disappeared from the top ten in the past year: Loop College in Illinois and San Antonio College in Texas.

FOUR-YEAR INSTITUTIONS

Distribution by State. Foreign student enrollments in four-year institutions increased by 3.1% over the past year. This translates to an actual gain of 9,528 students, which is considerably higher than the increase in two-year schools. Four states had 15,000 or more four-year foreign students, accounting for 35% of the total number of all four-year students. They were California, with 37,502 students at the four-year level, constituting 11.7% of the total; New York with 35,243 or 11.0%; Texas with 19,978 or 6.2%, and Massachusetts with 18,170 or 5.7%. The top ten institutions enrolled 183,862 four-year students, almost six of every ten four-year foreign students (57.5%) in the United States (**Table 6.7**).

TABLE 6.6

Foreign Students in Four-Year Institutions by State and Percent Change, 1987/88-1988/89

State	Foreign Students		% Change
	1987/88	1988/89	
Alabama	3,709	3,719	0.2
Alaska	251	281	13.9
Arizona	5512	5,395	-2.1
Arkansas	1170	1,718	-2.9
California	37,475	37,502	0.1
Colorado	3,083	3,817	23.8
Connecticut	3701	3994	7.9
Delaware	802	838	4.5
District of Columbia	9,298	9,212	-0.9
Florida	10,449	10,602	1.5
Georgia	5,684	6,374	12.1
Hawaii	3,527	3,901	10.6
Idaho	615	702	14.1
Illinois	13,935	14,281	2.5
Indiana	6,938	7,078	2.0
Iowa	5,597	5,639	0.8
Kansas	4,712	4,957	5.2
Kentucky	1,918	2,100	9.5
Louisiana	5,958	5,576	-6.4
Maine	600	681	13.5
Maryland	4,709	5,302	12.6
Massachusetts	17,204	18,170	5.6
Michigan	11,259	11,751	4.4
Minnesota	4,691	4,693	0.0
Mississippi	1,588	2,484	56.4
Missouri	5,863	6,083	3.8
Montana	638	681	6.7
Nebraska	1,754	1,638	-6.6
Nevada	524	539	2.9
New Hampshire	1,249	1,238	-0.9
New Jersey	7,366	7,996	8.5
New Mexico	1,461	1,343	-8.1
New York	32,586	35,243	8.2
North Carolina	4,314	4,388	1.7
North Dakota	1,020	1,092	7.1
Ohio	12,686	12,769	0.6
Oklahoma	5,875	5,630	-4.2
Oregon	5,519	5,609	1.6
Pennsylvania	13,154	14,355	9.1
Rhode Island	1,705	1,699	-0.4
South Carolina	1,962	2,016	2.8
South Dakota	702	716	2.0
Tennessee	3,938	3,840	-2.5
Texas	19,842	19,978	0.7
Utah	4,048	3,824	-5.5
Vermont	1,114	1,266	13.6
Virginia	4,565	4,822	5.6
Washington	4,512	4,770	5.7
West Virginia	1,212	1,341	10.6
Wisconsin	5,547	5,618	1.3
Wyoming	428	426	-0.5
Guam	145	140	-3.4
Puerto Rico	448	564	26.6
Virgin Islands	252	265	5.2
TOTAL	310,134	319,662	3.1

TABLE 6.7

States With the Most Foreign Students In Four-Year Institutions and Percent Share, 1988/89

State	Foreign Students	% of Total
California	37,502	11.7
New York	35,243	11.0
Texas	19,978	6.2
Massachusetts	18,170	5.7
Pennsylvania	14,355	4.5
Illinois	14,281	4.5
Ohio	12,768	4.0
Michigan	11,751	3.7
Florida	10,602	3.3
District of Columbia	9,212	2.9
TOTAL	183,862	57.5

Gains and Losses. Presented on **Table 6.6** are both the absolute and the percentage gains in numbers of four-year students for each state in the United States. In percentage terms, the largest gains were registered by Mississippi, with an increase of 56.4%, or 896 students; next was Colorado, with an increase of 23.8% or 734 actual students; Idaho, 14% or 87 students; and Alaska, 13.9% or 35 students. In addition to these, an additional six states had increases of at least 10%, and Puerto Rico had an increase of 26.6%. The largest percentage decreases in four-year enrollments were recorded by New Mexico, which lost 8.1% of its 1987/88 foreign student population, an actual loss of 118 students; and Oklahoma, a decrease of 4.2% or 245 students.

In absolute terms the lists are quite different. New York was the biggest gainer, adding 2,657 foreign students to its total for an increase of 8.2%; next was Pennsylvania increasing by 9.1%, adding 1,201 students; and finally Massachusetts, adding 966 students or 5.6%. In absolute terms, no states showed significant decreases in the past year.

Four-Year Institutions with the Most Foreign Students. The ten four-year institution reporting the largest enrollments of foreign students in 1988/89 and equivalent figures for 1987/88 appear on **Table 6.8**. The top ten schools are no longer the same: the University of Pennsylvania and the University of Illinois-Urbana Campus are included in 1988/89, and the University of Arizona and the University of Michigan are no longer on the list. The largest upward move was recorded by Boston University, which gained 11.3% more students and moved from sixth to third place. The leading institution was again the University of Southern California with 3,486 students, and second was the University of Texas at Austin with 3,385 students. The University of Wisconsin-Madison dropped to fourth place and the University of California at Los Angeles to fifth. Columbia University, which had dropped to ninth place when Barnard and Teachers College students were no longer included in its total, rose to seventh place, with 2,673 students. The top ten schools in the four-year category accounted for only 9.0% of all four-year students in the country.

TABLE 6.8

Four-Year Institutions With the Most Foreign Students and Percent Change, 1987/88-1988/89

Rank			Foreign Students		
1987/88	1988/89	Institution	1987/88	1988/89	% Change
1	1	University of Southern California, CA	3,767	3,486	-7.5
2	2	University of Texas, Austin, TX	3,135	3,385	8.0
6	3	Boston Unversity, MA	2,641	2,940	11.3
3	4	University of Wisconsin-Madison, WI	2,825	2,919	3.3
4	5	University of California, Lost Angeles, CA	2,765	2,859	3.4
5	6	Ohio State University, Main Campus, OH	2,756	2,790	1.2
9	7	Columbia University, NY	2,474	2,673	8.0
—	8	University of Pennsylvania, PA	2,255	2,654	17.7
—	9	University of Illinois, Urbana Campus, IL	2,446	2,569	5.0
8	10	University of Minnesota, Twin Cities, MN	2,514	2,510	-0.2
Total, 10 Leading Four-Year Institutions			27,922 [1]	28,785	3.1
% of All Four-Year Institutions			9.0 [1]	9.0	—
TOTAL, ALL FOUR-YEAR INSTITUTIONS			310,134	319,662	3.1

[1]Totals are for the ten leading four-year institutions of 1987/88, which included University of Arizona, AZ (ranked seventh) and University of Michigan, Ann Arbor, MI (ranked tenth).

7. DISTRIBUTION IN PUBLIC AND PRIVATE INSTITUTIONS

ALL INSTITUTIONS

Approximately two-thirds of all foreign students in the United States, (240,163 students or 65.6%), attended public institutions. The remaining third, 126,191 students or 34.4%, attended private institutions. The proportions of foreign students in public and private institutions differed significantly from the proportions of all higher education students in the United States, more than three-quarters of whom (79.4%) enrolled in public institutions (**Table 7.0** and **Figure 7.A**). In the past ten years there have been no significant changes in the shares of either foreign students or all students attending public and private schools.

Distribution by State. Foreign student enrollments in public and private institutions varied widely from state to state (**Table 7.1**). In several states or territories, virtually all foreign students were in public institutions, and in three of them, Wyoming, Guam, and the Virgin Islands, 100% were in such institutions. Other states with high percentages of foreign students in public institutions included Nevada (99.3%), New Mexico (98.6%), North Dakota (97.3%), Mississippi (94.9%), Delaware

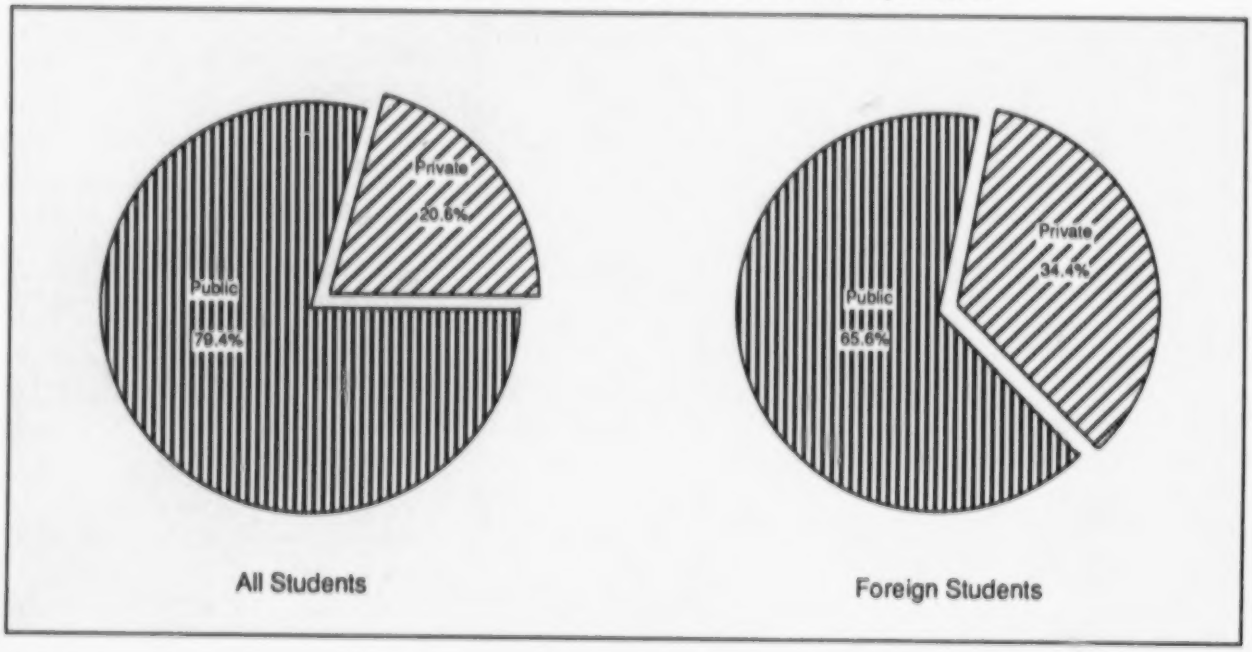
TABLE 7.0

Foreign Students and All Students in Public and Private Institutions, 1975/76-1988/89

Year	Foreign Students		All Students[1]	
	Public	Private	Public	Private
1975/76	62.1%	37.9%	78.8%	21.2%
1976/77	64.2	35.8	78.3	21.7
1977/78	62.7	37.3	78.0	22.0
1978/79	63.6	36.4	77.6	22.4
1979/80	64.6	35.4	77.7	22.3
1980/81	64.8	35.2	78.0	22.0
1981/82	65.0	35.0	78.0	22.0
1982/83	65.0	35.0	78.0	22.0
1983/84	65.0	35.0	78.4	21.6
1984/85	65.3	34.7	80.2	19.8
1985/86	65.3	34.7	77.7	22.3
1986/87	65.1	34.9	78.2	21.8
1987/88	65.6	34.4	78.5	21.5
1988/89	65.6	34.4	79.4	20.6

[1] Percentages for reported total enrollments from 1975/76 to 1982/83 are based on figures from the National Center for Education Statistics, Washington, D.C. Figures since 1983/84 are from the College Board, New York, NY.

7.A
Foreign Students and All Students in Public and Private Institutions, 1988/89



7.B
Foreign Students in Public and Private Institutions by U.S. State, 1988/89

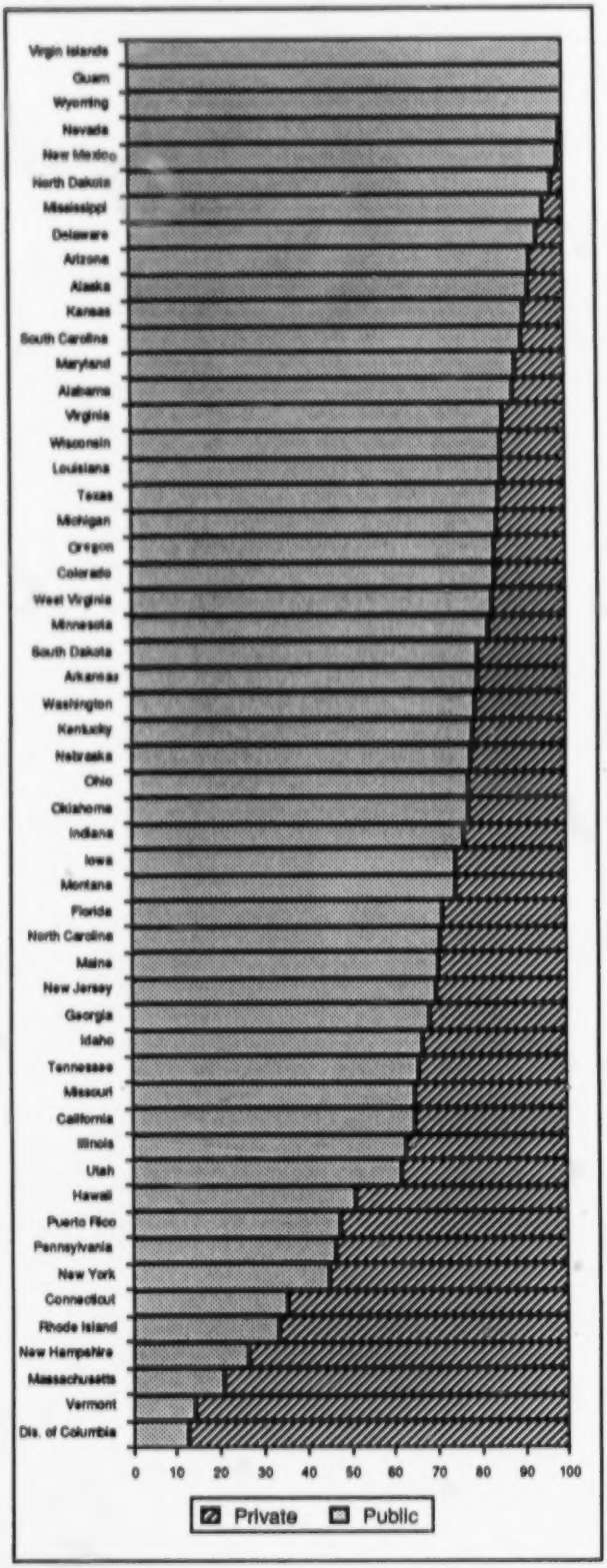


TABLE 7.1

Foreign Students in Public and Private Institutions by State, 1988/89

State	Public		Private		Total
	Number	%	Number	%	
Alabama	3,649	87.9	500	12.1	4,149
Alaska	265	91.4	25	8.6	290
Arizona	6,052	92.2	515	7.8	6,567
Arkansas	1,402	79.2	369	20.8	1,771
California	31,854	64.6	17,437	35.4	49,291
Colorado	3,564	83.4	711	16.6	4,275
Connecticut	1,530	35.1	2,833	64.9	4,363
Delaware	835	93.5	58	6.5	893
Dis. of Columbia	1,176	12.8	8,036	87.2	9,212
Florida	13,155	71.2	5,332	28.8	18,487
Georgia	4,004	68.3	1,857	31.7	5,861
Hawaii	2,057	51.0	1,977	49.0	4,034
Idaho	732	66.7	366	33.3	1,098
Illinois	9,859	62.5	5,909	37.5	15,768
Indiana	5,515	76.2	1,724	23.8	7,239
Iowa	4,448	74.5	1,523	25.5	5,971
Kansas	4,900	90.4	520	9.6	5,420
Kentucky	1,809	78.2	503	21.8	2,312
Louisiana	4,860	84.8	869	15.2	5,729
Maine	502	70.4	211	29.6	713
Maryland	6,302	88.5	816	11.5	7,118
Massachusetts	4,106	20.7	15,702	79.3	19,808
Michigan	10,763	83.7	2,094	16.3	12,857
Minnesota	4,204	82.1	918	17.9	5,122
Mississippi	2,406	94.9	130	5.1	2,536
Missouri	4,141	64.7	2,256	35.3	6,397
Montana	515	74.4	177	25.6	692
Nebraska	1,316	77.6	379	22.4	1,695
Nevada	690	99.3	5	0.7	695
New Hampshire	335	26.4	935	73.6	1,270
New Jersey	6,358	69.6	2,778	30.4	9,136
New Mexico	1,372	98.6	20	1.4	1,392
New York	17,030	45.1	20,772	54.9	37,802
North Carolina	3,874	70.7	1,605	29.3	5,479
North Dakota	1,132	97.3	31	2.7	1,163
Ohio	10,256	77.2	3,033	22.8	13,289
Oklahoma	4,897	77.1	1,457	22.9	6,354
Oregon	5,331	83.4	1,064	16.6	6,395
Pennsylvania	6,787	46.3	7,881	53.7	14,668
Rhode Island	579	33.3	1,160	66.7	1,739
South Carolina	1,917	90.1	210	9.9	2,127
South Dakota	570	79.4	148	20.6	718
Tennessee	2,642	65.5	1,390	34.5	4,032
Texas	19,647	84.5	3,593	15.5	23,240
Utah	2,553	61.7	1,583	38.3	4,136
Vermont	184	14.3	1,101	85.7	1,285
Virginia	5,641	85.6	952	14.4	6,593
Washington	4,926	78.9	1,319	21.1	6,245
West Virginia	1,118	83.0	229	17.0	1,347
Wisconsin	4,890	84.9	869	15.1	5,759
Wyoming	471	100	0	0	471
Guam	497	100	0	0	497
Puerto Rico	280	47.5	309	52.5	589
Virgin Islands	265	100	0	0	265
TOTAL	**240,163**	**65.6**	**126,191**	**34.4**	**366,354**

TABLE 7.2

Foreign Students in Public and Private Institutions by World Region, Subregion, and Leading Place of Origin, 1986/87-1988/89

Region/Locality	Public Institutions			Private Institutions		
	1986/87	1987/88	1988/89	1986/87	1987/88	1988/89
AFRICA	**66.2%**	**66.4%**	**66.4%**	**33.8%**	**33.6%**	**33.6%**
North Africa	**71.7**	**70.7**	**71.3**	**28.3**	**29.3**	**28.7**
Egypt	70.5	69.4	70.6	29.5	30.6	29.4
Morocco	71.9	70.5	70.6	28.1	29.5	29.4
Tunisia	80.9	80.9	81.0	19.1	19.1	19.0
Algeria	54.8	57.1	58.4	45.2	42.9	41.6
Sudan	80.7	75.7	74.0	19.3	24.3	26.0
Libya	77.2	75.1	73.6	22.8	24.9	26.4
Sub Saharan Africa[1]	65.0	65.4	65.3	35.0	34.6	34.7
Nigeria	67.9	70.7	71.7	32.1	29.3	28.3
South Africa	53.2	53.9	52.2	46.8	46.1	47.8
Kenya	59.1	60.1	61.1	40.9	39.9	38.9
Ethiopia	68.7	68.1	67.7	31.3	31.9	32.3
Cameroon	70.8	71.4	75.0	29.2	28.6	25.0
ASIA	**70.0**	**68.3**	**68.6**	**30.0**	**31.7**	**31.4**
East Asia	**69.1**	**67.9**	**68.2**	**30.9**	**32.1**	**31.8**
China	71.1	70.5	71.1	28.9	29.5	28.9
Taiwan	76.0	74.5	74.3	24.0	25.5	25.7
Korea, Rep. of	67.0	66.3	58.0	33.0	33.7	42.0
Japan	56.4	55.7	66.9	43.6	44.3	33.1
Hong Kong	70.3	68.4	69.2	29.7	31.6	30.8
South and Central Asia	**69.6**	**68.5**	**68.9**	**30.4**	**31.5**	**31.1**
India	67.8	67.0	68.1	32.2	33.0	31.9
Pakistan	72.9	70.7	70.4	27.1	29.3	29.6
Bangladesh	73.8	74.1	74.7	26.2	25.9	25.3
Sri Lanka	74.3	74.0	72.7	25.7	26.0	27.3
Nepal	57.3	56.5	61.2	42.7	43.5	38.3
Southeast Asia	**72.1**	**69.2**	**69.5**	**27.9**	**30.8**	**30.5**
Malaysia	77.3	75.1	76.3	22.7	24.9	23.7
Indonesia	69.7	69.3	70.6	30.3	30.7	29.4
Thailand	63.5	59.8	60.2	36.5	40.2	39.8
Philippines	53.9	51.6	55.5	46.1	48.4	44.5
Singapore	72.1	71.0	69.7	27.9	29.0	30.3
EUROPE	**57.2**	**55.3**	**55.1**	**42.8**	**44.7**	**44.9**
Eastern Europe	**67.1**	**63.7**	**62.0**	**32.9**	**36.3**	**38.0**
Yugoslavia	60.7	61.7	58.6	39.3	38.3	41.4
Poland	70.1	64.5	66.1	29.9	35.5	33.9
Hungary	69.1	69.9	72.1	30.9	30.1	27.9
Western Europe	**56.6**	**54.9**	**54.6**	**43.4**	**45.1**	**45.4**
United Kingdom	56.6	55.8	56.4	43.4	44.2	43.6
Germany, F. R.	62.8	61.8	60.9	37.2	38.2	39.1
France	52.5	54.2	53.2	47.5	45.8	46.8
Greece	58.7	54.2	54.0	41.3	45.8	46.0
Spain	56.0	51.2	51.9	44.0	48.8	48.1
LATIN AMERICA	**63.5**	**63.4**	**63.8**	**36.5**	**36.6**	**36.2**
Caribbean	**57.1**	**57.9**	**57.7**	**42.9**	**42.1**	**42.3**
Jamaica	50.5	53.8	55.2	49.5	46.2	44.8
Trinidad and Tobago	48.2	49.5	51.7	51.8	50.5	48.3
Bahamas	46.8	42.2	44.2	53.2	57.8	55.8
Haiti	72.1	71.3	71.8	27.9	28.7	28.2
Cuba	94.7	96.1	94.7	5.3	3.9	5.3
Central America	**69.8**	**70.7**	**71.6**	**30.2**	**29.3**	**28.4**
Mexico	70.2	70.7	69.3	29.8	29.3	30.7
Nicaragua	89.6	92.4	92.1	10.4	7.6	7.9
Panama	58.2	60.6	62.5	41.8	39.4	37.5
Honduras	74.9	70.2	73.0	25.1	29.8	27.0
El Salvador	65.9	67.7	73.0	34.1	32.3	27.0
South America	**62.8**	**61.2**	**61.8**	**37.2**	**38.8**	**38.5**
Colombia	62.5	62.4	63.4	37.5	37.6	36.6
Brazil	58.9	58.2	59.9	41.1	41.8	40.1
Venezuela	66.6	64.8	62.8	33.4	35.2	37.2
Peru	60.0	56.4	58.8	40.0	43.6	41.2
Argentina	57.3	58.5	58.2	42.7	41.5	41.8
MIDDLE EAST	**69.9**	**68.6**	**69.0**	**30.1**	**31.4**	**31.0**
Iran	79.7	79.7	79.4	20.3	20.3	20.6
Lebanon	65.3	64.7	64.8	34.7	35.3	35.2
Saudi Arabia	67.3	65.8	68.7	32.7	34.2	31.3
Jordan	75.9	75.4	74.0	24.1	24.6	26.0
Turkey	60.6	58.7	58.6	39.4	41.3	41.4
NORTH AMERICA	**47.5**	**47.4**	**49.2**	**52.5**	**52.6**	**50.8**
Canada	48.1	48.2	50.1	51.9	51.8	49.9
Bermuda	31.7	27.4	26.7	68.3	72.6	73.3
OCEANIA	**57.4**	**52.0**	**52.7**	**42.6**	**48.0**	**47.3**
Australia	48.7	48.2	51.1	51.3	51.8	48.9
Pacific Islands, Trust Ter. of	76.0	73.5	77.4	24.0	26.5	22.6
New Zealand	47.4	46.6	45.2	52.6	53.4	54.8
YEAR TOTAL	**65.1**	**65.6**	**65.6**	**34.9**	**34.4**	**34.4**

[1] *Includes Eastern, Central, Southern and West Africa.*

(93.5%), Arizona (92.2%), and Kansas (90.4%). By contrast, there were several states or territories with more than half of their foreign student populations in private institutions. The District of Columbia had the largest percentage in private schools, at 87.2%; followed by Vermont (85.7%); Massachusetts (79.3%); New Hampshire (73.6%); Rhode Island (66.7%); Connecticut (64.9%); and, finally, New York (54.9%).

World Region, Subregion and Leading Country or Other Place of Origin. Presented in **Table 7.2** is the distribution of foreign students in public and private institutions by geographic origin. Each world region, subregion or leading place displays its own tendency, often contrasting with the larger geographical unit of which it is a part.

Enrollments of all Africans were very close to the norms for foreign students as a whole, as were enrollments of sub-Saharan Africans. Within this subregion, however, there was considerable variation, with South Africa (52.2% public and 47.8% private) and Cameroon (75.0% public and 25.0% private) representing the extremes. North Africa was highly overrepresented in public school, with 71.3% of its students attending such institutions. Within the subregion, Tunisia had the greatest percentage in public schools, with 81.0%, while Algeria had the largest share in private schools (41.6%).

Asia is another region that was quite close to the norms for all students, as were all three of the Asian subregions. None of the large sending countries or places deviated significantly from these norms, although higher proportions of students from Malaysia (76.3%), Bangladesh (74.7%), Taiwan (74.3%), and Sri Lanka (72.7%), China (71.1%), Pakistan (70.4%), and Singapore (69.7%) than foreign students overall attended public schools. Only the Philippines (55.5%) and the Republic of Korea (58.0%) had less than 60% in public institutions. Thailand, Nepal, and Japan all rose above the 60% level in the past year. The fact that the Asian region and its subregions approximated the national norms is to be expected, given the great numbers of students from the region, but the lack of significant variation among leading countries and places of origin is somewhat surprising.

Europeans as a whole were partial to private schools, with nearly half of them (44.9%) attending such institutions. Eastern Europe, with only 38.0% of its students in private schools, departs from this pattern but accounts for a very small proportion of all European foreign students. None of the countries of Eastern Europe had more than 40% of its students in private institutions. A far larger percentage of all European students come from Western Europe, and given this large percentage, it is not surprising that the distribution of students from this subregion closely resembles the regional pattern. Among the leading countries, there is a certain amount of dispersion around the regional mean. Germany had

TABLE 7.3

Foreign Students in Public Institutions by State and Percent Change, 1987/88-1988/89

State	Foreign Students		% Change
	1987/88	1988/89	
Alabama	3,629	3,649	0.6
Alaska	247	265	7.3
Arizona	6,025	6,052	0.4
Arkansas	1,440	1,402	-2.6
California	31,793	31,854	0.2
Colorado	3,702	3,564	-3.7
Connecticut	1,282	1,530	19.3
Delaware	803	835	4.0
District of Columbia	1,103	1,176	6.6
Florida	12,906	13,155	1.9
Georgia	4,039	4,004	-0.9
Hawaii	1,602	2,057	28.4
Idaho	644	732	13.7
Illinois	9,915	9,859	-0.6
Indiana	5,370	5,515	2.7
Iowa	4,302	4,448	3.4
Kansas	4,681	4,900	4.7
Kentucky	1,560	1,809	16.0
Louisiana	5,249	4,860	-7.4
Maine	403	502	24.6
Maryland	5,574	6,302	13.1
Massachusetts	4,173	4,106	-1.6
Michigan	10,447	10,763	3.0
Minnesota	4,188	4,204	0.4
Mississippi	1,517	2,406	58.6
Missouri	4,082	4,141	1.4
Montana	482	515	6.8
Nebraska	1,421	1,316	-7.4
Nevada	605	690	14.0
New Hampshire	373	335	-10.2
New Jersey	5,789	6,358	9.8
New Mexico	1,467	1,372	-6.5
New York	15,325	17,030	11.1
North Carolina	3,917	3,874	-1.1
North Dakota	1,070	1,132	5.8
Ohio	10,015	10,256	2.4
Oklahoma	5,271	4,897	-7.1
Oregon	5,119	5,331	4.1
Pennsylvania	6,013	6,787	12.9
Rhode Island	531	579	9.0
South Carolina	1,854	1,917	3.4
South Dakota	572	570	-0.3
Tennessee	2,823	2,642	-6.4
Texas	19,817	19,647	-0.9
Utah	2,552	2,553	0
Vermont	155	184	18.7
Virginia	5,600	5,641	0.7
Washington	4,707	4,926	4.7
West Virginia	1,026	1,118	9.0
Wisconsin	4,812	4,890	1.6
Wyoming	488	471	-3.5
Guam	529	497	-6.0
Puerto Rico	282	280	-0.7
Virgin Islands	252	265	5.2
TOTAL	233,813	240,163	2.7

TABLE 7.4

States With the Most Foreign Students in Public Institutions and Percent Share, 1988/89

State	Foreign Students	% of Total
California	31,854	13.3
Texas	19,647	8.2
New York	17,030	7.1
Florida	13,155	5.5
Michigan	10,763	4.5
Ohio	10,256	4.3
Illinois	9,859	4.1
Pennsylvania	6,787	2.8
New Jersey	6,358	2.6
Maryland	6,302	2.6
TOTAL	132,011	55.0

the largest percentage in public institutions, with 60.9%, while Spain had the largest percentage in private institutions with 48.1%.

Latin Americans' enrollments in public and private institutions were similar to those of all foreign students, but within the region, there was a great deal of variation. For instance, a high proportion of Caribbean students enrolled in private schools (42.3%), and the proportion of Bahamians was as high as 55.8%. By contrast, extremely large percentages of students from two countries in this subregion, Cuba (94.7%) and Haiti (71.8%), were in public schools. Unlike students from the Caribbean, students from Central America showed a preference for public institutions, with 71.6% in such institutions. Of the countries within this subregion, Nicaragua was the leader in public school enrollments, with 92.1% of its students in public institutions, while Panama had the highest percentage (37.5%) in private institutions. South America was close to the norm, with 61.5% of its students in public institutions. The leading places of this subregion did not show much variation.

The Middle Easterners attended public institutions in proportions slightly higher than the average for all foreign students, with 69.0% in such institutions. Among the leading countries of the region, Iran had the highest proportion of its students in public schools (79.4%), while Turkey had the lowest (58.6%).

North America leaned heavily towards private schools, with 50.8% of its students in such institutions. A very high proportion (73.3%) of all students from Bermuda were in private institutions.

Just under half of the Oceanians (47.3%) enrolled in private institutions, a proportion significantly higher than the national foreign student average. However, over three-quarters (77.4%) of the students from the Pacific Island Trust Territory were in public schools.

PUBLIC INSTITUTIONS

Distribution by State. Enrollments of foreign students in public institutions of higher learning in the United

TABLE 7.5

Public Institutions With the Most Foreign Students and Percent Change, 1987/88-1988/89

Rank			Foreign Students		
1987/88	1988/89	Institution	1987/88	1988/89	% Change
1	1	Miami-Dade Community College, FL	5,148	5,080	-1.3
2	2	University of Texas, Austin, TX	3,135	3,385	8.0
3	3	University of Wisconsin-Madison, WI	2,825	2,919	3.3
4	4	University of California, Los Angeles, CA	2,765	2,859	3.4
5	5	Ohio State University, Main Campus, OH	2,756	2,790	1.2
9	6	University of Illinois, Urbana Campus, IL	2,446	2,569	5.0
7	7	University of Minnesota, Twin Cities, MN	2,514	2,510	-0.2
8	8	University of Michigan, Ann Arbor, MI	2,446	2,465	0.8
6	9	University of Arizona, AZ	2,599	2,403	-7.5
10	10	University of Maryland, College Park, MD	2,239	2,352	5.0
Total, 10 Leading Public Institutions			28,873	29,332	1.6
% of All Public Institutions			12.3	12.2	
TOTAL, ALL PUBLIC INSTITUTIONS			233,813	240,163	2.7

TABLE 7.6

Foreign Students in Private Institutions by State and Percent Change, 1987/88-1988/89

State	Foreign Students		% Change
	1987/88	1988/89	
Alabama	501	500	-0.2
Alaska	29	25	-13.8
Arizona	535	515	-3.7
Arkansas	378	369	-2.4
California	17,404	17,437	0.2
Colorado	737	711	-3.5
Connecticut	2,728	2,833	3.8
Delaware	52	58	11.5
District of Columbia	8,195	8,036	-1.9
Florida	5,365	5,332	-0.6
Georgia	2,092	1,857	-11.2
Hawaii	2,046	1,977	-3.4
Idaho	322	366	13.7
Illinois	5,704	5,909	3.6
Indiana	1,718	1,724	0.3
Iowa	1,553	1,523	-1.9
Kansas	473	520	9.9
Kentucky	484	503	3.9
Louisiana	865	869	0.5
Maine	212	211	-0.5
Maryland	812	816	0.5
Massachusetts	14,773	15,702	6.3
Michigan	1,724	2,094	21.5
Minnesota	901	918	1.9
Mississippi	122	130	6.6
Missouri	2,141	2,256	5.4
Montana	161	177	9.9
Nebraska	380	379	-0.3
Nevada	4	5	2.5
New Hampshire	915	935	2.2
New Jersey	2,608	2,778	6.5
New Mexico	46	20	-56.5
New York	19,368	20,772	7.2
North Carolina	1,490	1,605	7.7
North Dakota	20	31	5.5
Ohio	3,127	3,033	-3.0
Oklahoma	1,402	1,457	3.9
Oregon	1,028	1,064	3.5
Pennsylvania	7,177	7,881	9.8
Rhode Island	1,160	1,160	-0.1
South Carolina	234	210	-10.3
South Dakota	132	148	12.1
Tennessee	1,255	1,390	10.8
Texas	3,897	3,593	-7.8
Utah	1,865	1,583	-15.1
Vermont	977	1,101	12.7
Virginia	764	952	24.6
Washington	1,281	1,319	3.0
West Virginia	194	229	18.0
Wisconsin	839	869	3.6
Wyoming	0	0	—
Guam	0	0	—
Puerto Rico	184	309	67.9
Virgin Islands	0	0	—
TOTAL	122,374	126,191	3.1

TABLE 7.7

States With the Most Foreign Students in Private Institutions and Percent Share, 1988/89

State	Foreign Students	% of Year Total
New York	20,772	16.5
California	17,437	13.8
Massachusetts	15,702	12.4
District of Columbia	8,036	6.4
Pennsylvania	7,881	6.2
Illinois	5,909	4.7
Florida	5,332	4.2
Texas	3,593	2.8
Ohio	3,033	2.4
Connecticut	2,833	2.2
TOTAL	90,528	71.7

States in 1988/89 were 2.7% higher than the previous year's, reflecting an actual increase of 6,350 students (**Table 7.3**). Six states reported more than 10,000 foreign students in public schools each. They were California (31,854), Texas (19,647), New York (17,030), Florida (13,155), Michigan (10,763), and Ohio (10,256). Together these six states accounted for 42.7% of all students in public institutions, with 13.3% in California alone and another 8.2% in Texas. The top ten states (**Table 7.4**) accounted for over half (55.0%) of all the students in public institutions. Following the top six were 8 states with between 5,000 and 9,999 students; 23 states and the District of Columbia, with between 1,000 and 4,999; and finally fourteen states and three territories with fewer than 999 students in public institutions.

Gains and Losses. Thirty-seven states and territories reported increased foreign student enrollments in public schools last year. In percentage terms, six of them gained more than 15%; they were Mississippi (58.6%), Hawaii (28.4%), Maine (24.6%), Connecticut (19.3%),Virginia (8.7%), and Kentucky (16.0%). In absolute terms, New York drew the largest number of additional students (1,705). Two more states rose by more than 500; they were Mississippi (889) and Maryland (728). Three of the states with the largest percentage increases also gained large numbers of students.

On the other side of the equation, seventeen states and territories had fewer foreign students in public institutions than in the previous year. In absolute terms, two states lost over 100 students. They were Nebraska, which lost 105 and Texas, which lost 170. While the overall gain in the number of foreign students in public institutions was smaller than in the previous year, the

TABLE 7.8

Private Institutions With the Most Foreign Students and Percentage Change, 1987/88-1988/89

Rank		Institution	Foreign Students		% Change
1987/88	1988/89		1987/88	1988/89	
1	1	University of Southern California, CA	3,767	3,486	-7.5
2	2	Boston University, MA	2,641	2,940	11.3
3	3	Columbia University, NY	2,474	2,673	8.0
4	4	University of Pennsylvania, PA	2,255	2,654	17.7
5	5	George Washington University, DC	2,198	2,275	3.5
8	6	Harvard University, MA	2,014	2,197	9.1
6	7	Northeastern University, MA	2,099	2,028	-3.4
--	8	Cornell University, NY	1,878	2,027	7.9
7	9	New York University, NY	2,072	2,026	-2.2
9	10	Stanford University, CA	1,976	1,990	0.7
Total, 10 Leading Private Institutions			23,377[1]	24,296	3.9
% of All Private Institutions			19.1[1]	19.3	
TOTAL, ALL PRIVATE INSTITUTIONS			122,374	126,191	3.1

[1]*Totals are for the ten leading private institutions of 1987/88, which included Massachusetts Institute of Technology, MA (ranked tenth).*

scale of gains and losses by individual institutions was far smaller.

Public Institutions with the Most Foreign Students. The top five public institutions, Miami-Dade Community College, the University of Texas, Austin, the University of Wisconsin-Madison, the University of California at Los Angeles, and Ohio State University, Main Campus remained the same as in 1987/88; among these, all gained a few students except for Miami-Dade, which lost a few (**Table 7.5**). The University of Illinois, Urbana Campus, which appeared on the top ten list for the first time in 1987/88, moved up from ninth place to sixth place, having increased its enrollments by 5.0%, while the University of Arizona's foreign student population decreased by 7.5%, enough to move this institution from sixth to ninth on the top ten list. All in all, the top ten schools account for a mere one-eighth (12.2%) of all the foreign students in public institutions.

PRIVATE INSTITUTIONS

Distribution by State. The number of foreign students in private institutions increased by 3,817 students, or 3.1%, last year (**Table 7.6**). Three states had as many as 10,000 private school students: California (17,437), New York (20,772), and Massachusetts (15,702). Another three states and the District of Columbia had between 5,000 and 9,999. Seventeen states had between 1,000 and 4,999, while twenty-six states and three territories had fewer than 1,000 students in private institutions. The top four states accounted for nearly half (49.0%) of all foreign students in private institutions, while the top ten accounted for a very high 71.7% of all the private school foreign students in the United States (**Table 7.7**).

Gains and Losses. Thirty-three states had larger numbers of foreign students in private institutions than in the previous year, while 18 states had smaller numbers. Most of the gains and losses were relatively small, both in absolute and in percentage terms. Four states showed significant gains: New York had 1,404 or 7.2% more students in private schools; Massachusetts had an increase of 929 or 6.3%; Pennsylvania had 704 or 9.8% more; and Michigan, 370 or 21.5% more. In Texas, there was a relatively large decrease of 384 students, or 7.8% of the foreign studentpopulation.

Private Institutions with the Most Foreign Students. As shown in **Table 7.8**, nine of the top ten schools were on the previous year's list, only Cornell is new on the list, and the Massachusetts Institute of Technology, which appeared for the first time in 1987/88, has lost its place. There were, however, some changes within the top ten. Harvard University moved from eighth to sixth place, while New York University moved from seventh to ninth. Meanwhile, Northeastern University dropped from sixth to seventh and Stanford University from ninth to tenth. The top ten together accounted for about one-fifth (19.3%) of all the students enrolled in private institutions.

8. INSTITUTIONS WITH THE MOST FOREIGN STUDENTS

In 1988/89, 84 institutions in the United States reported enrolling 1,000 or more foreign students (**Table 8.0**) one less than the previous year. These 84 institutions represent a big change since 1954/55, when only one United States institution enrolled over 1,000 foreign students. The 84 institutions accounted for 151,684 foreign students, or 41.4% of the foreign student population in the United States. The share of total enrollment composed of foreign students varied from institution to institution: it ranged from a low of 3.8% at San Francisco State University, to a high of 22.8% at the New Jersey Institute of Technology, with an average among the leading institutions of 7.2%. The foreign student enrollment in each institution surveyed are listed in **Appendix A1**.

The 10 institutions reporting the largest number of foreign students remained fairly stable until the mid-seventies—seven of the 10 institutions listed in 1954/55 appeared on the list in 1974/75 (**Table 8.1**). Greater changes occurred in the last few years, leaving only four of the original 10 institutions consistently included: the University of Southern California, Columbia University, Ohio State University, Main Campus, and the University of Wisconsin-Madison.

The proportion of foreign students enrolled in leading institutions has been relatively stable in recent years (**Table 8.3**), following a downward trend that began in the sixties. In 1959/60, the 10 leading institutions reported 22.8% of all foreign students. By 1980/81, the top 10 institutions accounted for only 8.3% of the foreign student population and this proportion has remained just below 9% (8.6% in 1988/89) since then.

While the overall proportion of foreign students enrolled in U.S. institutions of higher education was 7.2%, all of the institutions with 1,000 or more foreign students had higher concentrations of foreign students, and in some of them the concentrations were much higher. Institutions with the largest proportions of foreign students appear in **Table 8.2** and are illustrated in **Figure 8.A**.

Among the 10 institutions with the highest foreign student enrollments in absolute numbers, three also had high proportions of foreign students among their total student populations: Columbia University (15.0%), the University of Pennsylvania (13.1%), and The University of Southern California (11.8%). The institutions with the highest proportions of foreign students in 1988/89 were: New Jersey Institute of Technology (22.8%), Massachusetts Institute of Technology (20.9%), and the New York Institute of Technology (15.8%).

Twenty-five institutions enrolled students from 100 or more nations. The university with the most nationalities was American University, which reported 125 nationalities among its foreign students; George Washington University was next with 123 nationalities; and Boston University was third, with 119 (**Table 8.4**).

8.A
Institutions With the Highest Foreign Student Proportions, 1988/89

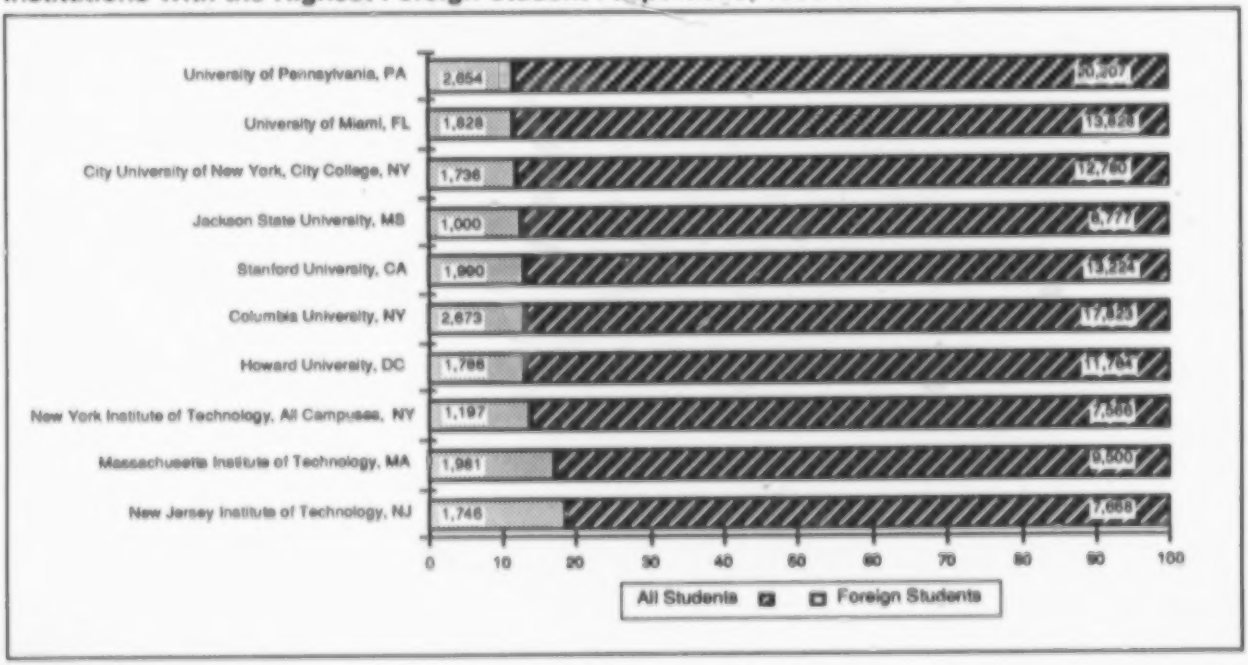


TABLE 8.0

Institutions with 1,000 or More Foreign Students, 1988/89

Rank	Institution	Foreign Students	Total Enrollment[1]	% of Total Enrollment
	Miami-Dade Community College, FL	5,060	45,207	11.2
	University of Southern California, CA	3,486	29,590	11.8
	University of Texas, Austin, TX	3,385	50,107	6.8
	Boston University, MA	2,940	28,557	10.3
5	University of Wisconsin-Madison, WI	2,919	43,641	6.7
	University of California, Los Angeles, CA	2,859	33,168	8.6
	Ohio State University, Main campus, OH	2,790	53,669	5.2
	Columbia University, NY [2]	2,673	17,823	15.0
	University of Pennsylvania, PA	2,654	20,207	13.1
10	University of Illinois, Urbana, IL	2,569	36,036	7.1
	University of Minnesota, Twin Cities, MN	2,510	42,571	5.9
	University of Michigan, Ann Arbor, MI	2,465	35,845	6.9
	University of Arizona, AZ	2,403	34,725	6.9
	University of Maryland-College Park, MD	2,352	36,681	6.4
15	George Washington University, DC	2,275	19,236	11.8
	State University of New York at Buffalo, NY	2,242	28,005	8.0
	Michigan State University, MI	2,201	44,480	4.9
	Harvard University, MA [3]	2,197	17,454	12.6
	Southern Illinois University, Carbondale, IL	2,148	24,227	8.9
20	University of Houston, TX	2,130	30,372	7.0
	Purdue University, Main Campus, IN	2,120	34,969	6.1
	University of California, Berkeley, CA	2,100	31,612	6.6
	Pennsylvania State University, PA	2,064	37,269	5.5
	Iowa State University, IA	2,045	26,475	7.7
25	Northeastern University, MA	2,028	36,010	5.6
	Cornell University, NY	2,027	18,736	10.8
	New York University, NY	2,026	30,572	6.6
	Arizona State University, AZ	2,005	43,426	4.6
	Indiana University at Bloomington, IN	1,990	33,776	5.9
30	Stanford University, CA	1,990	13,224	15.0
	Massachusetts Institute of Technology, MA	1,981	9,500	20.9
	University of Iowa, IA	1,937	29,230	6.6
	Texas A&M University, Main Campus, TX	1,877	39,163	4.8
	Rutgers University, New Brunswick, NJ	1,849	33,126	5.6
35	University of Miami, FL	1,826	13,828	13.2
	University of Hawaii at Manoa, HI	1,807	18,424	9.8
	Howard University, DC	1,786	11,764	15.2
	University of Kansas, KS	1,782	26,020	6.8
	University of Florida, FL	1,752	34,023	5.1
40	California State University, Long Beach, CA	1,749	36,000	4.9
	Oregon State University, OR	1,747	15,637	11.2
	New Jersey Institute of Technology, NJ	1,747	7,668	22.8
	University of Washington, WA	1,743	33,460	5.2

continued on next page

TABLE 8.0 (continued)

Rank	Institution	Foreign Students	Total Enrollment[1]	% of Total Enrollment
	City University of New York, City College, NY	1,736	12,780	13.6
45	The University of Toledo, OH	1,712	22,806	7.5
	Northern Virginia Community College, VA	1,652	33,466	4.9
	University of Massachusetts, Amherst, MA	1,631	26,504	6.2
	University of Oregon, Main Campus, Or	1,629	18,530	8.8
	Oklahoma State University, Main Campus, OK	1,615	20,488	7.9
50	City University of New York, Baruch College, NY	1,552	16,475	9.4
	University of North Texas, TX	1,536	24,468	6.3
	Brigham Young University, UT	1,534	27,805	5.5
	University of Missouri, Columbia, MO	1,534	23,434	6.5
	Syracuse University, Main Campus, NY	1,527	16,702	9.1
55	State University of New York at Stony Brook, Main Campus, NY	1,520	14,967	10.2
	California State University, Los Angeles, CA	1,500	21,114	7.1
	Temple University, PA	1,478	28,056	5.3
	University of Illinois at Chicago, IL	1,427	24,087	5.9
	University of Pittsburgh, Main Campus, PA	1,397	28,524	4.9
60	American University, DC	1,394	11,049	12.6
	Wayne State University, MI	1,386	30,857	4.5
	Virginia Polytechnic Institute and State University, VA	1,351	24,526	5.5
	Ohio University, Main Campus, OH	1,253	17,050	7.3
	University of Oklahoma, Norman, OK	1,203	20,632	5.8
65	New York Institute of Technology, All Campuses, NY	1,197	7,546	15.8
	University of the District of Columbia, DC	1,178	11,263	10.4
	Louisiana State University, Baton Rouge, LA	1,167	27,350	4.3
	University of California, San Diego, CA	1,161	17,227	6.7
	University of Georgia, GA	1,153	27,176	4.3
70	San Francisco State University, CA	1,135	30,184	3.8
	University of Utah, UT	1,135	23,942	4.7
	University of Texas at Arlington, TX	1,128	23,383	4.8
	Georgetown University, DC	1,107	11,578	9.6
	Southern University of A&M College, Main Campus, LA	1,100	8,803	12.5
75	University of Akron, Main Campus, OH	1,096	26,807	4.1
	University of California, Davis, CA	1,069	21,169	5.0
	Eastern Michigan University, MI	1,069	24,337	4.4
	North Carolina State University, Raleigh, NC	1,049	25,537	4.1
	Georgia State University, GA	1,046	22,178	4.7
80	Texas Southern University, TX	1,042	9,001	11.6
	Yale University, CT	1,029	10,785	9.5
	University of Chicago, IL	1,029	10,042	10.2
	Florida International University, FL	1,007	17,482	5.8
	Jackson State University, MS	1,000	6,777	14.8
	TOTAL	151,684	2,113,04v	7.2

[1]Sources: The Annual Census of Foreign Students in the United States or the College Board Annual Survey of Colleges, 1989; The College Entrance Examination Board, New York, 1989.
[2]This number was obtained by the Columbia University office of the registrar.
[3]This number was obtained from the Budget Office of Harvard University.

TABLE 8.1

Institutions With the Most Foreign Students, Selected Years, 1954/55-1988/89

1954/55

Institution	Foreign Students
Columbia Univ. Barnard and Teachers Coll.	1,254
New York University	948
University of Michigan, Ann Arbor	810
University of California, Berkeley	798
Harvard University	721
University of Illinios, Urbana and Chicago	594
University of Southern California	569
University of Minnesota, Minneapolis,	530
Cornell University	488
University of Wisconsin	477

1959/60

Institution	Foreign Students
New York University	1,580
Columbia Univ. Barnard and Teachers Coll.	1,146
University of California, Berkeley	1,140
University of Michigan, Ann Arbor	1,109
University of Minnesota, Twin Cities	1,018
University of Illinois, Urbana and Chicago	935
University of Wisconsin-Madison	780
Massachusetts Institute of Technology	770
Cornell University	751
Harvard University	738

1964/65

Institution	Foreign Students
New York University	2,986
University of California, Berkely	2,588
Columbia Univ. Barnard and Teachers Coll.	2,353
University of Wisconsin-Madison	1,290
Howard University	1,258
University of Pennsylvania	1,232
University of Michigan, Ann Arbor	1,181
University of Minnesota, Twin Cities	1,140
University of Illinois, Urbana	1,137
Harvard University	1,054

1969/70

Institution	Foreign Students
New York University	4,182
Miami-Dade Community College	3,998
University of California, Berkeley	2,904
Columbia Univ. Barnard and Teachers Coll.	2,798
University of California, Los Angeles	2,197
University of Wisconsin-Madison	2,117
University of Pennsylvania	1,699
University of Washington	1,663
University of Illinois, Urbana	1,658
University of Minnesota, Twin Cities	1,624

1974/75

Institution	Foreign Students
University of Southern California	3,111
Howard University	3,068
Columbia Univ. Barnard and Teachers Coll.	1,905
University of Wisconsin, Madison	1,869
University of Minnesota, Twin Cities	1,679
University of California, Berkeley	1,571
University of Texas, Austin	1,533
Miami-Dade Community College	1,485
New York University	1,474
Harvard University	1,414

1979/80

Institution	Foreign Students
University of Southern California	3,305
Los Angeles City College	3,000
Miami-Dade Community College	2,790
Columbia Univ. Barnard and Teachers Coll.	2,625
Texas Southern University	2,585
University of Texas, Austin	2,354
University of Wisconsin-Madison	2,092
University of Michigan, Ann Arbor	1,941
University of California, Los Angeles	1,907
University of Washington	1,880

1984/85

Institution	Foreign Students
Miami-Dade Community College	4,316
University of Southern California	3,761
University of Texas, Austin	3,286
University of Wisconsin-Madison	2,901
Columbia Univ. Barnard and Teachers Coll.	2,773
Ohio State University, Main Campus	2,606
North Texas State University	2,570
Southern Illinois University, Carbondale	2,565
Boston University	2,462
University of Houston-University Park	2,424

1988/89

Institution	Foreign Students
Miami-Dade Community College	5,060
University of Southern California	3,486
University of Texas, Austin	3,385
Boston University	2,940
University of Wisconsin-Madison	2,919
University of California, Los Angeles	2,859
Ohio State University, Main Campus	2,790
Columbia University *	2,673
University of Pennsylvania	2,654
University of Illinois, Urbana	2,569

** The figure for Columbia University no longer includes Barnard and Teachers Colleges.*

TABLE 8.2

Institutions With the Highest Foreign Student Proportions, 1988/89

Rank	Institution	Foreign Students	Total Enrollment[1]	% of Total Enrollment
	New Jersey Institute of Technology, NJ	1,746	7,668	22.8
	Massachusetts Institute of Technology, MA	1,991	9,500	20.9
	New York Institute of Technology, All Campuses, NY	1,197	7,566	15.8
	Howard University, DC	1,786	11,764	15.2
5	Columbia University, NY	2,673	17,823	15.0
	Stanford University, CA	1,999	13,224	15.0
	Jackson State University, MS	1,000	6,777	14.8
	City University of New York, City College, NY	1,736	12,780	13.6
	University of Miami, FL	1,808	13,828	13.2
10	University of Pennsylvania, PA	2,654	20,207	13.1
	Harvard University, MA	2,197	17,494	12.6
	Southern University of A&M College, Main Campus, LA	1,100	8,803	12.5
	American University, DC	1,394	11,849	12.0
	University of Southern California, CA	3,486	29,590	11.8
15	George Washington University, DC	2,275	19,256	11.8
	Texas Southern University, TX	1,042	9,001	11.6
	Miami-Dade Community College, FL	5,080	45,207	11.2
	Oregon State University, OR	1,747	15,637	11.2
	Cornell University, NY	2,027	18,736	10.8
20	University of the District of Columbia, DC	1,176	11,263	10.4

[1] *Sources: The Annual Census of Foreign Students in the United States, c/ The College Board, Annual Survey of the Colleges, 1989, The College Entrance Examination Board, New York, 1989.*

TABLE 8.3

Proportions of Foreign Students in the 5, 10, and 20 Leading Institutions, Selected Years, 1954/55-1988/89

	5 Leading Institutions		10 Leading Institutions		20 Leading Institutions	
Year	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
1954/55	4,529	13.2	7,312	21.4	9,374	27.4
1959/60	6,909	14.2	11,035	22.8	15,972	32.9
1964/65	12,476	15.2	18,444	22.5	26,945	32.8
1969/70	16,370	12.1	26,206	19.4	40,022	29.7
1974/75	9,380	6.2	17,107	11.1	29,864	19.3
1975/76	12,361	6.9	20,386	11.4	33,451	18.7
1976/77	13,253	6.5	22,629	11.1	37,568	18.5
1977/78	13,593	5.8	22,984	9.8	38,935	16.5
1978/79	13,859	5.3	23,338	8.8	40,072	15.2
1979/80	14,306	5.0	24,479	8.5	41,698	14.6
1980/81	15,323	4.9	25,793	8.3	44,092	14.1
1981/82	16,010	4.9	26,987	8.3	46,588	14.3
1982/83	16,265	4.8	28,042	8.3	48,735	14.5
1983/84	16,809	5.0	29,214	8.6	50,585	14.9
1984/85	17,037	5.0	29,684	8.7	51,075	14.9
1985/86	17,166	5.0	29,733	8.6	51,822	15.1
1986/87	17,352	5.0	30,092	8.6	52,313	15.0
1987/88	17,640	5.0	30,624	8.6	52,972	14.9
1988/89	17,810	4.9	31,355	8.6	54,278	14.8

TABLE 8.4

Institutions with Foreign Students from 100 or More Nations

Institution	Foreign Students	Nationalities
American University	1,369	125
George Washington University	2,230	123
Boston University	2,940	119
University of Massachusetts, Amherst	1,631	117
University of Pennsylvania	2,654	115
University of Wisconsin, Madison	2,919	115
University of Arizona	2,372	111
University of Southern California	3,473	111
University of Florida	1,669	110
Pennsylvania State University, Univ. Park	2,038	109
Michigan State University, East Lansing	2,201	109
Texas A & M University	1,877	109
Colorado State University	960	109
University of Pittsburgh	1,392	108
Ohio State University Main Campus	2,569	105
Iowa State University	2,045	105
University of Miami	1,828	105
University of Texas, Austin	3,381	105
University of Missouri, Columbia	1,474	103
University of the District of Columbia	1,173	102
University of the South Carolina, Columbia	859	102
Miami-Dade Community College	5,046	102
Harvard University	2,197	101
University of Michigan, Ann Arbor	2,427	101
Cornell University	2,027	100

9. FOREIGN STUDENTS BY ACADEMIC LEVEL

Starting with the 1985/86 academic year, IIE began asking institutions participating in the Census to provide academic level breakdowns for each of the foreign student characteristics appearing on the Institutional Data form. Institutions reported, for example, the number of students from a specific country or in a specific field of study enrolled as graduate students, undergraduates, or "other", a category which includes practical training, non-degree programs, and Intensive English Language programs.

Not all institutions which responded to the census were able to provide academic level breakdowns. As indicated in **Table 9.1**, depending on the student characteristic involved, detailed academic level information is available for as many as 77.2% and as few as 46.2% of the enrolled students. Therefore, in this chapter, unlike the rest of *Open Doors*, analyses are based on a sample rather than on the entire reported foreign student population. For this reason, only percentage distributions are presented here.

It is possible, however, to estimate the total number of graduate, undergraduate, and "other" students in specific categories. This can be done by applying the percentages in this chapter to totals found in other chapters of *Open Doors*. For example, **Table 9.9** indicates that 37.5% of all African students are graduate students; this percentage may be applied to the total number of African students in **Table 2.0** in Chapter 2, producing approximate figures on the total numbers of African graduate students (.375 x 26,430 = 9,911 African graduate students).

CHARACTERISTICS OF FOREIGN STUDENTS WITHIN ACADEMIC LEVEL

This section presents separate profiles of foreign undergraduate and graduate students. It examines the geographic origins of students at each level: for instance, what proportion of the total foreign graduate student population comes from Africa. It also includes analyses on other characteristics of graduate and undergraduate students, such as primary funding source, gender, marital and enrollment status, and visa type.

TABLE 9.1

Proportion of Foreign Students for Whom Academic Level Was Provided, 1988/89

Characteristic	% Return
World Region of Origin	77.2
Field of Study	75.1
Primary Source of Funds	49.2
Gender	72.3
Marital Status	48.6
Enrollment Status	73.7
Visa Type	64.8

TABLE 9.2

World Region and Subregion of Origin of Foreign Students Within Academic Level, 1988/89

World Region/ Subregion	Undergraduate	Graduate	Other
AFRICA	8.7%	8.4%	5.1%
North Africa	1.0	1.8	1.8
Sub-Saharan Africa*	7.7	4.6	3.5
ASIA	41.6	53.7	55.6
East Asia	19.5	41.9	42.1
South & Central Asia	7.0	15.0	5.0
Southeast Asia	15.1	7.8	8.5
EUROPE	11.7	11.2	15.7
Eastern Europe	0.6	0.7	1.0
Western Europe	11.1	10.5	14.7
LATIN AMERICA	17.4	7.1	8.9
Caribbean	5.5	1.5	1.1
Central America	6.2	2.1	5.1
South America	5.7	4.0	5.6
MIDDLE EAST	13.6	7.9	10.9
NORTH AMERICA	5.0	3.9	2.0
OCEANIA	1.2	0.9	0.9
TOTAL	100.0	100.0	100.0

*Includes Eastern, Central, Southern and West Africa.

UNDERGRADUATE STUDENTS

Region and Subregion of Origin. Four out of every ten foreign undergraduate students in the United States (41.6%) came from Asia last year, the subregion of East Asia alone accounting for 19.5% of them (**Table 9.2**). Southeast Asia was the place of origin of 15.1%, and South Central Asia of 7% of undergraduates. Substantial proportions of the remaining undergraduate students were from Latin America (17.4%) and from the Middle East (13.6%). Europeans (11.7%) and Africans (8.7%) each constituted about one-tenth of the population.

TABLE 9.3

Fields of Study of Foreign Students Within Academic Level, 1988/89

Field of Study	Academic Level		
	Undergraduate	Graduate	Other
Agriculture	1.2%	3.8%	0.5%
Business and Management	26.8	14.1	5.7
Education	2.2	4.5	0.9
Engineering	19.3	22.6	5.1
Fine and Applied Arts	5.6	3.9	2.7
Health Sciences	4.3	4.6	2.3
Humanities	2.4	6.1	1.6
Mathematics and Computer Science	10.9	10.4	3.1
Physical and Life Sciences	5.3	13.5	2.8
Social Sciences	6.5	10.4	2.5
Other	12.0	4.8	28.1
Intensive English Language	1.3	0.0	44.4
Undeclared	2.1	1.3	0.3
TOTAL	100.0	100.0	100.0

Field of Study. The most popular field of study among undergraduate students was business and management, chosen by over one-fourth of them (26.8%) as **Table 9.3** shows. Two of ten undergraduates (19.3%) majored in engineering and one of ten in math and computer sciences (10.9%). An additional 12% were in the "other" field, and 6.5% were in the social sciences.

Primary Source of Funds. As shown on **Table 9.4**, over three quarters of undergraduates (76.8%) were financed out of personal and family funds. Less than 10% were funded by any other single source: 7.1% were sponsored by home governments or universities and 6.8% by U.S. colleges or universities.

Gender and Marital Status. Less than two-thirds (61.6%) of the undergraduate students were men (**Table 9.5**), but nearly all of them (92.3%) were single (**Table 9.6**).

Visa Type and Enrollment Status. A very high proportion of students at the undergraduate level (83.4%) were on F visas (**Table 9.8**), and an even higher proportion (90.0%) studied on a full-time basis as shown in **Table 9.7**.

GRADUATE STUDENTS

Region and Subregion of Origin. The geographic origin of graduate students is less diverse than that of undergraduates (**Table 9.2**). A large majority of all foreign graduate students in the United States (62.7%) were from Asia, the subregion of East Asia alone accounting for almost 42% of them. About one eighth of the graduate students (13.0%), were from South Central Asia, and close to 8% (7.8%) from Southeast Asia. Europe was the only other world region accounting for over 10% of the graduate foreign students at 11.2%.

Some differences in the geographic origin of graduate and undergraduate foreign students are worth noting. A much larger proportion of graduates than of undergraduates came from East Asia, and, to a lesser degree, from South Central Asia. On the other hand, proportionately more undergraduates came from Southeast Asia. Two other regions were unequally represented in the graduate and undergraduate populations. Latin America was the region of origin of 17.4% of the undergraduates in the U.S., but only of 7.1% of graduates. Likewise the Middle East sent 13.6% of all undergraduates, but only 7.9% of all graduate students. Other regions sent similar proportions of graduates and undergraduates, in line with their overall shares of students.

Field of Study. In contrast to undergraduates, graduate students chose engineering most often, nearly one quarter (22.6%) enrolling in this field (**Table 9.3**). Business and management, the second most popular field, was selected by only 14.1%, a much smaller proportion than undergraduates. Of all graduate students, 10.4% chose math and computer sciences, just slightly fewer than the number of undergraduates in this field, but graduate students chose the physical and life sciences (13.5%) and the social sciences (10.4%) much more often than undergraduates (5.3% and 6.5%, respectively).

Primary Source of Funds. A little more than four-tenths (42.0%) of graduate students were supported by personal and family funds, and a significant 35.9% were funded by U.S. colleges or universities. It should be noted that the percentage of graduate students sup-

TABLE 9.4

Primary Source of Funds of Foreign Students Within Academic Level, 1988/89

Primary Source of Funds	Academic Level		
	Undergraduate	Graduate	Other
Personal and Family	76.8%	42.0%	61.3%
U.S. College or University	6.8	35.9	5.5
Home Government/University	7.1	8.5	6.1
Foreign Private Sponsor	1.8	2.7	2.1
U.S. Private Sponsor	3.5	3.0	2.3
Current Employment	0.8	1.0	19.3
U.S. Government	1.9	2.9	2.0
International Organizations	0.5	1.4	1.0
Other	1.0	2.6	0.4
TOTAL	100.0	100.0	100.0

TABLE 9.5

Gender of Foreign Students Within Academic Level, 1988/89

Gender	Academic Level		
	Undergraduate	Graduate	Other
Male	61.6	71.9	60.8
Female	38.4	28.1	39.2
TOTAL	100.0	100.0	100.0

TABLE 9.6

Marital Status of Foreign Students Within Academic Level, 1988/89

Marital Status	Academic Level		
	Undergraduate	Graduate	Other
Single	92.3	67.6	84.5
Married	7.7	32.4	15.5
TOTAL	100.0	100.0	100.0

ported by personal and family funds is about double what it was in the 1985/86 academic year, and the figure for U.S. College or University is about half of what it was in that period. The next largest proportion, (8.5%) of foreign graduate students were funded by home government or university in 1988/89 (a figure much smaller than the 36.2% receiving assistance from that source in 1985/86)(**Table 9.4**).

Gender and Marital Status. Last year's census of enrollments by gender reveals that a much smaller proportion of women enrolled in graduate (28.1%) than in undergraduate (38.4%) programs (**Table 9.5**). Also, understandably, more graduate students (32.4%) than undergraduate (7.7%) were married (**Table 9.6**).

Enrollment Status and Visa Type. A vast majority of graduate students (89.5%) were studying full-time (**Table 9.7**). Three-fourths (74.7%) of graduate students were studying on F visas, and a substantial proportion (20.6%) were on J visas (**Table 9.8**).

ACADEMIC LEVEL OF FOREIGN STUDENTS BY PERSONAL AND ACADEMIC CHARACTERISTICS

Now we will examine the academic level breakdowns of specific subcategories of foreign students; for instance, what proportions of students from particular world regions or countries were studying at the undergraduate level, what proportions at the graduate level, and what proportions at the "other" level. Also shown will be

9.A

Academic Level of Foreign Students by World Region of Origin, 1988/89

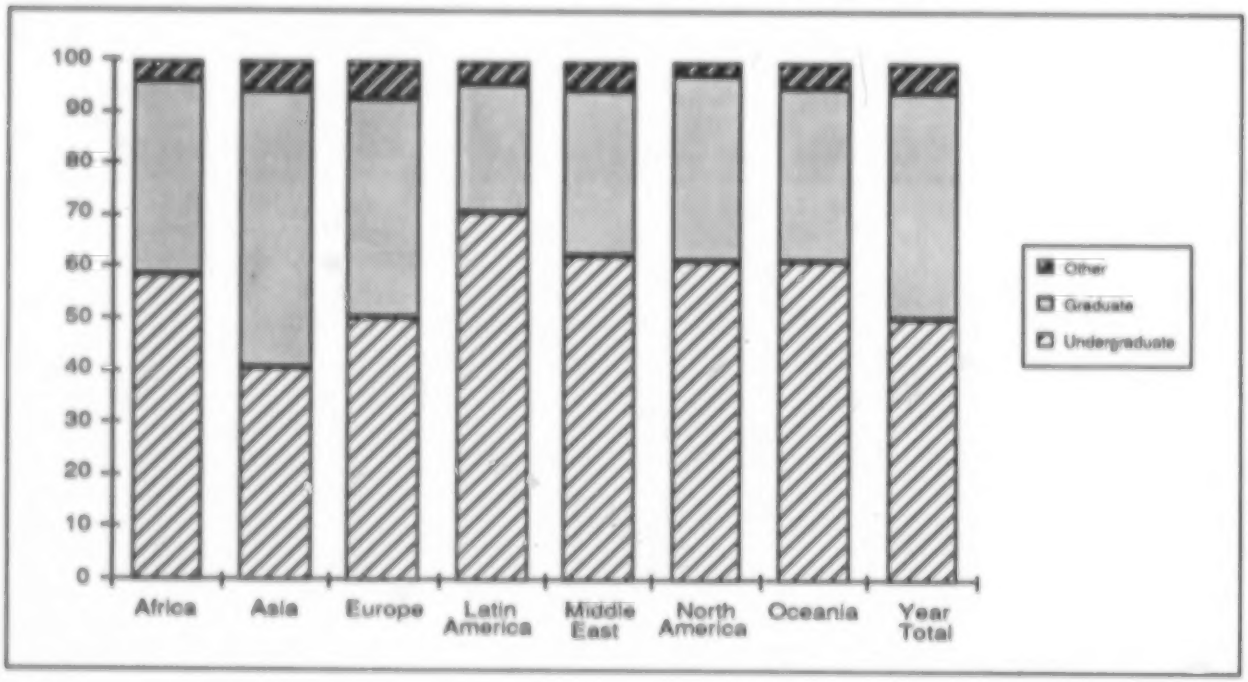


TABLE 9.7

Enrollment Status of Foreign Students Within Academic Level, 1988/89

Enrollment Status	Academic Level		
	Undergraduate	Graduate	Other
Full-Time	90.0%	89.5%	84.4%
Part-Time	10.0	10.5	15.6
TOTAL	100.0	100.0	100.0

whether foreign students in particular fields of study were undergraduate, graduate, or "other" and subgroups will be analyzed as to primary source of funds, gender, marital status, enrollment status and visa type.

Region, Subregion, and Country or Other Place of Origin. Presented in **Table 9.9** and **Figure 9.A** are the academic level breakdowns of students from the major world regions, subregions, and leading places of origin. As in previous years, the world region to send the highest percentage of undergraduates was Latin America (70.5%) of all world regions. Within Latin America, the Caribbean subregion underlined the trend, with 84.0% of its students coming as undergraduates. Other world regions and subregions with high proportions of undergraduates included Central America (73.9%), Southeast Asia (66.1%), and the Middle East (62.6%). The region with the highest proportion of graduate students was Asia, at 53.2% this, despite the fact that only 29.7% of the students from the subregion of Southeast Asia studied at the graduate level. The low figure for Southeast Asia was balanced by the high proportion of graduate students from the East Asia (60.0%) and from the South Central Asia (59.9%) subregions. The only other world region with more than two-fifths of its students at the graduate level was Europe, with 42.0%.

The countries with the highest proportions of undergraduates were all in the Latin American region. In

TABLE 9.8

Visa Type of Foreign Students Within Academic Level, 1988/89

Visa Type	Academic Level		
	Undergraduate	Graduate	Other
F visa	83.4	74.7	70.2
J Visa	4.6	20.6	16.0
M Visa	0.2	0.0	0.3
Other Visa	4.3	0.1	0.5
Refugee	7.5	4.6	13.0
TOTAL	100.0	100.0	100.0

TABLE 9.9

Academic Level of Foreign Students by Region, Subregion, and Leading Place of Origin, 1988/89

Region/Locality	Academic Level		
	Undergraduate	Graduate	Other
AFRICA	**58.6%**	**37.5%**	**3.9%**
North Africa	**36.7**	**56.8**	**6.5**
Egypt	29.6	65.0	5.4
Morocco	59.8	29.0	11.2
Tunisia	37.7	60.3	2.0
Algeria	14.5	17.3	8.2
Sudan	41.3	52.3	6.4
Libya	32.2	63.5	4.3
Sub Szharan Africa	**63.7**	**33.0**	**3.3**
Nigeria	62.1	35.3	2.6
South Africa	57.8	39.4	2.8
Kenya	29.6	65.0	5.4
Ethiopia	81.2	15.6	3.2
Cameroon	71.5	25.1	3.4
ASIA	**40.6**	**53.2**	**6.2**
East Asia	**32.1**	**60.0**	**7.9**
China	1.7	92.8	5.5
Taiwan	19.0	76.2	4.8
Japan	59.3	20.7	20.0
Korea, Rep. of	23.1	72.2	4.7
Hong Kong	68.7	28.3	3.0
South and Central Asia	**37.1**	**59.9**	**3.0**
India	25.5	71.4	3.1
Pakistan	63.6	33.6	2.8
Bangladesh	56.3	39.9	3.8
Sri Lanka	50.2	47.1	2.7
Nepal	52.6	44.9	2.5
Southeast Asia	**66.1**	**29.7**	**4.2**
Malaysia	77.7	19.7	2.6
Indonesia	65.2	30.5	4.3
Thailand	36.3	54.6	9.1
Philippines	56.1	38.7	5.2
Singapore	73.7	24.8	1.5
EUROPE	**50.3**	**42.0**	**7.7**
Eastern Europe	**41.3**	**50.2**	**8.5**
Yugoslavia	36.7	59.1	4.2
Poland	40.0	50.4	9.6
Hungary	37.3	52.2	10.5
Western Europe	**50.8**	**41.6**	**7.6**
United Kingdom	56.7	36.4	6.9
Germany, F.R.	43.1	47.9	9.0
France	44.8	43.8	11.4
Greece	42.4	53.0	4.6
Spain	49.7	41.5	8.8
LATIN AMERICA	**70.5**	**25.0**	**4.5**
Caribbean	**84.0**	**14.0**	**2.0**
Jamaica	77.7	20.4	1.9
Trinidad and Tobago	80.9	17.1	2.0
Bahamas	91.8	7.2	1.0
Haiti	90.0	7.9	2.1
Cuba	97.6	2.0	0.4
Central America	**73.9**	**21.9**	**4.2**
Mexico	62.9	31.9	5.2
Nicaragua	94.3	4.6	1.1
Panama	82.2	13.9	3.9
Honduras	79.8	15.6	4.6
El Salvador	79.9	16.3	3.8
South America	**58.4**	**35.1**	**6.5**
Colombia	62.6	28.6	8.8
Brazil	44.4	47.9	7.7
Venezuela	63.7	29.1	7.2
Peru	65.2	29.2	5.6
Argentina	42.4	52.0	5.6
MIDDLE EAST	**62.6**	**31.7**	**5.7**
Iran	61.1	35.1	3.8
Lebanon	67.6	27.1	5.3
Saudi Arabia	56.6	35.3	8.1
Jordan	70.8	23.9	5.3
Turkey	32.4	57.6	10.0
NORTH AMERICA	**61.6**	**36.2**	**2.4**
Canada	60.0	37.5	2.5
Bermuda	91.7	6.9	1.4
OCEANIA	**61.3**	**33.5**	**5.2**
Australia	41.7	55.1	3.2
Pacific Islands, Trust Terr. of	82.3	3.6	14.1
New Zealand	50.9	48.0	1.1
YEAR TOTAL	**50.4**	**43.8**	**5.8**

TABLE 9.10

Academic Level of Foreign Students by Field of Study, 1988/89

Field of Study	Academic Level		
	Under-graduate	Graduate	Other
Agriculture	25.5%	72.5%	2.0%
Business and Management	64.2	33.2	2.5
Education	33.0	64.4	2.6
Engineering	45.7	52.1	2.2
Fine and Applied Arts	56.5	38.7	4.8
Health Sciences	46.5	48.9	4.6
Humanities	27.4	69.0	3.6
Mathematics & Computer Sci.	50.4	47.0	2.6
Physical and Life Sciences	27.8	69.5	2.7
Social Sciences	38.1	59.1	2.8
Other	54.7	21.7	23.6
Intensive English Language	13.6	0.1	86.3
Undeclared	60.6	37.7	1.7

TABLE 9.11

Academic Level of Foreign Students by Primary Source of Funds, 1988/89

Primary Source of Funds	Academic Level		
	Under-graduate	Graduate	Other
Personal and Family	67.4%	26.8%	5.8%
U.S. College or University	20.2	78.0	1.8
Home Government/University	51.0	44.2	4.7
Foreign Private Sponsor	41.3	52.6	6.2
U.S. Private Sponsor	58.4	37.5	4.1
Current Employment	22.8	19.9	57.2
U.S. Government	44.5	50.3	5.2
International Organization	30.6	62.3	7.1
Other	35.2	63.7	1.1

descending order they were: Cuba (97.6%); Nicaragua (94.3%); Bahamas (91.8%); Haiti (90.0%), The Pacific Island Trust Territories (82.3%) Panama (82.2%), and Trinidad and Tobago (80.9%). The countries with the highest proportions of graduate level students included China (92.8%), Taiwan (76.2%), India (71.4%) and Korea (72.2%).

Possibly the most interesting analysis of these data results from looking at countries that do not follow the regional profile. For instance, over half of North Africans (56.8%) were graduate students, but only one-third of the Moroccans (29%). Similarly, six out of ten South American students (58.4%) were undergraduates, but only 44.4% of Brazilians and a mere 42.4% of Argentinians. Even more interesting, while East Asia sent the highest subregional proportion of graduate students (60.0%), only 20.7% of the Japanese students and 28.3% of the students from Hong Kong studied at that level. Meanwhile, over 70% of the students from the People's Republic of China, Taiwan, and Korea, which are all in the same subregion, were graduate students. Further, close to six-tenths of the students from South Central Asia (59.9%) were graduate students, but only 33.6% of the students from Pakistan. Finally, as many as two-thirds (66.1%) of Southeast Asian, but only four-tenths (36.3%) of Thai students were undergraduates. Thus, it is clear that in many cases, subregional or regional trends merely average out the difference be-

9.B
Academic Level of Foreign Students by Field of Study, 1988/89

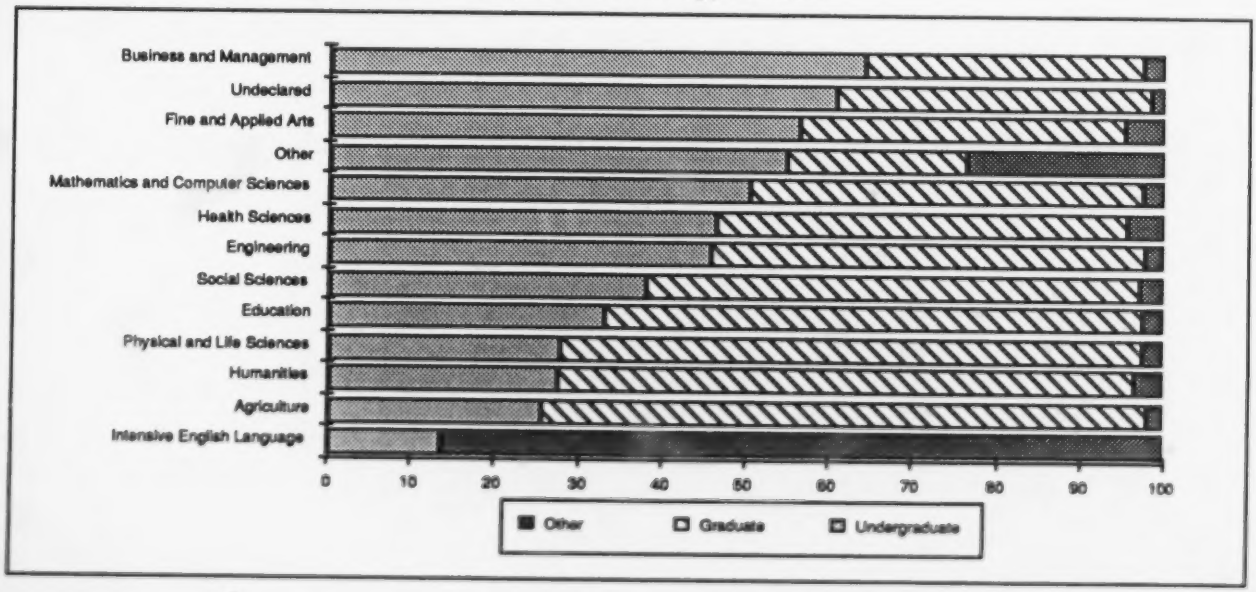


TABLE 9.12

Academic Level of Foreign Students by Gender, 1988/89				
	Academic Level			
Gender	Under-graduate	Graduate	Other	All Levels
Male	46.3%	48.2%	5.5%	100.0%
Female	56.3	36.9	6.8	100.0

TABLE 9.13

Academic Level of Foreign Students by Marital Status, 1988/89				
	Academic Level			
Marital Status	Under-graduate	Graduate	Other	All Levels
Single	57.7%	36.3%	6.0%	100.0%
Married	20.6	74.7	4.8	100.0

tween widely divergent country tendencies within those regions.

Field of Study. As shown in **Table 9.10**, foreign students in different fields of study were at the graduate and undergraduate level in varying proportions. In four fields, more than 60% of the students were graduate students. The highest preponderance was in agriculture, where 72.5% of foreign students studied at the graduate level. Following agriculture were the physical and life sciences, with 69.5% of the students at the graduate level; the humanities (69.0%), education (64.4%), and the social sciences (59.1%). By contrast, in only one field of study was a large majority (over 60%) of foreign students undergraduate. Just under two-thirds (64.2%) of foreign students in business and management were undergraduates. The second highest proportion of undergraduates (60.6%) were in the "undeclared" category. Undergraduates did however command a lesser majority in the fine and applied arts (56.5%) and in math and computer sciences (50.4%) (**Table 9.10** and **Figure 9.B**).

Primary Source of Funds. The academic level of foreign students according to their primary source of funding changed little last year. Seven of every ten (67.4%) students funded with personal and family resources were studying at the undergraduate level, while three-quarters (78.0%) of all students funded by U.S. college or university resources were studying at the graduate level (**Table 9.11**). Graduates and undergraduates are fairly evenly split among students funded either by their home government or by U.S. government resources.

Gender. The data in **Table 9.12** show that just under half (46.3%) of the male foreign students were undergraduates. Meanwhile, nearly six of ten (56.3%) female foreign students were studying at the undergraduate level. Compared to the previous year's distribution, this represents a shift away from undergraduate study for both males and females. Also important to note is that females were more likely (6.8%) than males (5.5%) to be in the "other" academic level category.

Marital Status. Not surprisingly, a greater proportion of married students were graduate students than undergraduates (**Table 9.13**). In fact, 74.7% of the married students, compared to only 36.3% of the single students, were at the graduate level.

Enrollment Status. More than half of all full-time (53.9%) and a plurality of part-time (47.0%) students were at the undergraduate level, and a slightly higher proportion 48.2%, were at the graduate level. However, 8.6% of all part-time students were at the "other" academic level, but only 5.9% of the full-time students (**Table 9.14**).

Visa Type. As can be seen in **Table 9.15**, a little over five-tenths (54.8%) of students with F visas and the majority (58.8%) of students with refugee status were undergraduates. At the same time, 72% of all J visa holders were graduate students.

TABLE 9.14

Academic Level of Foreign Students by Enrollment Status, 1988/89				
	Academic Level			
Enrollment Status	Under-graduate	Graduate	Other	All Levels
Full-Time	53.9%	48.2%	5.9%	100.0%
Part-Time	47.0	44.4	8.6	100.0

TABLE 9.15

Academic Level of Foreign Students by Visa Type, 1988/89				
	Academic Level			
Visa Type	Under-graduate	Graduate	Other	All Levels
F visa	54.8%	39.7%	5.5%	100.0%
J Visa	19.8	72.0	8.2	100.0
M Visa	84.4	1.2	14.4	100.0
Refugee	58.8	29.2	12.0	100.0
Other Visa	96.6	2.0	1.4	100.0

Part II: COST-OF-LIVING EXPENDITURES BY FOREIGN STUDENTS IN THE U.S.

Presented here are estimated cost-of-living expenditures by foreign students in the United States based on information from two sources: 1) the number of foreign students reported for 1988/89 in the Annual Census, and 2) the recommended Monthly Maintenance Rates (MMRs) for 1989/90 calculated by IIE for use by the Fulbright scholarship program.

The MMRs are based on Bureau of Labor Statistics estimates of intermediate-level family budgets and comparative indices of prices in selected urban areas, with adjustments to reflect inflation and special foreign student needs. Since living costs vary in different regions of the United States and between urban and nonmetropolitan areas, IIE has located each institution within its appropriate geographical area, thereby providing it with a specific MMR. It should be noted that the MMR includes living costs only; it does not include expenditures for tuition, fees, books, insurance, special equipment, travel, or dependents.

Table 10.0 estimates the cost-of-living expenditures by foreign students in each state. To do this, the MMR is multiplied by nine (representing a nine-month academic year), then multiplied by the number of foreign students reported in each institution in a state. The estimated expenditures for each institution in a state are then totaled to arrive at a state figure. MMRs vary from region to region, but the average MMR for 1989/90 is $750 **Table 10.1** provides similar estimated expenditures for selected metropolitan areas using the specific MMR for that region. **Figure 10.A** illustrates the estimated expenditures by foreign students in the ten states with the highest expenditure figures.

10.A
States With the Highest Estimated Foreign Student Cost-of-Living Expenditures, 1988/89

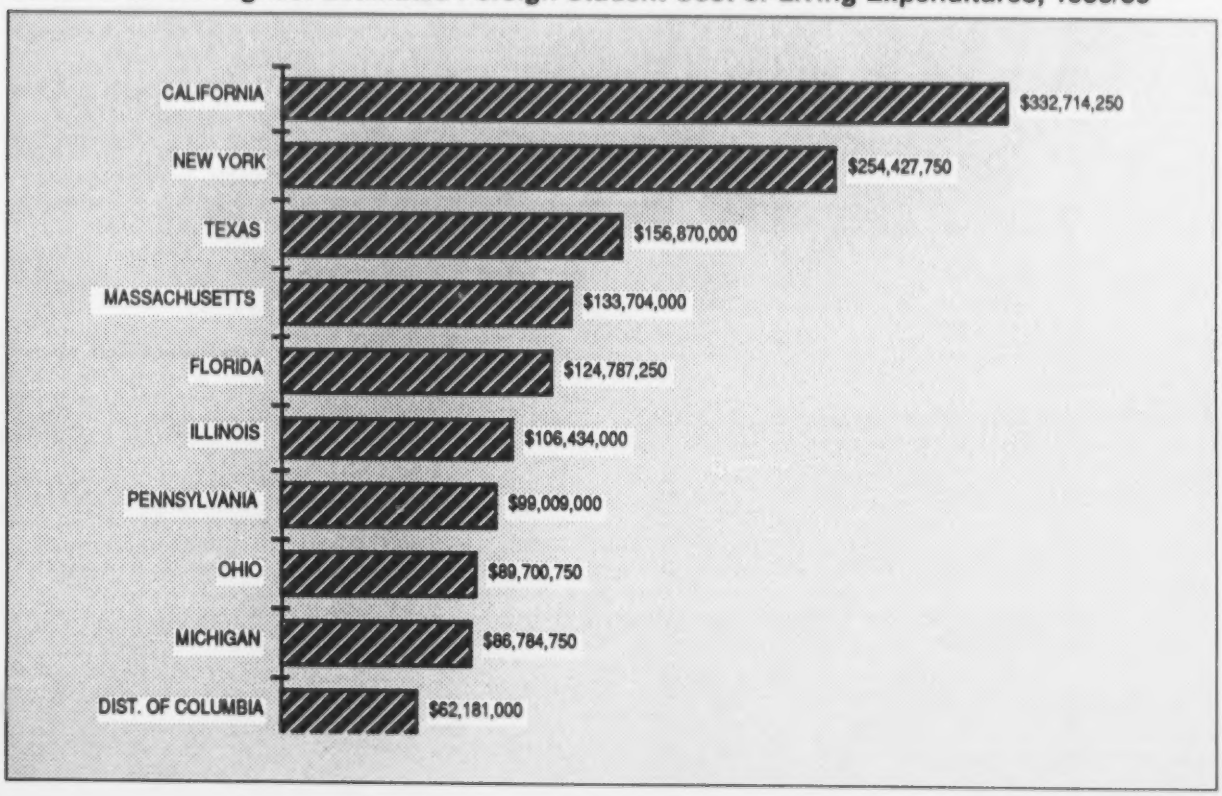


TABLE 10.0

Estimated Academic Year Cost-of-Living Expenditures by State, 1989/90

State	Institutions Reporting	Foreign Students	Estimated Expenditures[1]
Alabama	47	4,149	$28,005,750
Alaska	6	290	$1,957,500
Arizona	23	6,567	$44,327,250
Arkansas	24	1,771	$11,954,250
California	244	49,291	$332,714,250
Colorado	36	4,275	$28,856,250
Connecticut	41	4,363	$29,450,250
Delaware	7	893	$6,027,750
District of Columbia	17	9,212	$62,181,000
Florida	65	18,487	$124,787,250
Georgia	67	5,861	$39,561,750
Hawaii	13	4,034	$27,229,500
Idaho		1,098	$7,411,500
Illinois	121	15,768	$106,434,000
Indiana	53	7,239	$48,863,250
Iowa	50	5,971	$40,304,250
Kansas	47	5,420	$36,585,000
Kentucky	41	2,312	$15,606,000
Louisiana	25	5,729	$38,670,750
Maine	26	713	$4,812,750
Maryland	45	7,118	$48,046,500
Massachusetts	102	19,808	$133,704,000
Michigan	73	12,857	$86,784,750
Minnesota	51	5,122	$34,573,500
Mississippi	27	2,536	$17,118,000
Missouri	66	6,397	$43,179,750
Montana	12	692	$4,671,000
Nebraska	26	1,695	$11,441,250
Nevada	6	695	$4,691,250
New Hampshire	19	1,270	$8,572,500
New Jersey	55	9,136	$61,668,000
New Mexico	15	1,392	$9,396,000
New York	181	37,802	$254,427,750
North Carolina	77	5,479	$36,983,250
North Dakota	13	1,163	$7,850,250
Ohio	90	13,289	$89,700,750
Oklahoma	35	6,354	$42,889,500
Oregon	41	6,395	$43,166,250
Pennsylvania	128	14,668	$99,009,000
Rhode Island	10	1,739	$11,738,250
South Carolina	43	2,127	$14,357,250
South Dakota	14	718	$4,846,500
Tennessee	56	4,032	$27,216,000
Texas	140	23,240	$156,870,000
Utah	10	4,136	$27,918,000
Vermont	22	1,285	$8,673,750
Virginia	59	6,593	$44,502,750
Washington	47	6,245	$42,153,750
West Virginia	22	1,347	$9,092,250
Wisconsin	44	5,759	$38,873,250
Wyoming	7	471	$3,179,250
Guam	2	497	$3,354,750
Puerto Rico	21	589	$3,921,750
Virgin Islands	1	265	$1,788,750
TOTAL	**2,521**	**366,354**	**$2,472,099,750**

[1]Estimated expenditures are based on the number of foreign students reported in academic year 1988/89, multiplied by the average suggested monthly maintenance rate for the academic year 1989/90 ($750), multiplied by nine months.

TABLE 10.1

Estimated Academic Year Cost-of-Living Expenditures of Foreign Students in Selected Metropolitan Areas, 1989/90

Metropolitan Area	Institutions Reporting Foreign Students	Foreign Students 1988/89	Monthly $ Rate 1989/90	Estimated Expenditures[1]
Northeast				
Boston-Lawrence-Salem, MA-NH	64	16,100	$855	$123,889,500
Buffalo-Niagara Falls, NY	11	2,704	725	17,643,600
Hartford-New Britain-Middletown, CT	15	1,723	795	12,328,065
Lancaster, PA	5	145	735	959,175
New York City-Northern NJ-L.I., NY-NJ-CT	139	34,115	855	262,514,925
Philadelphia-Wilmington-Trenton, PA-DE-NJ-MD	66	9,047	760	61,881,480
Pittsburgh-Beaver Valley, PA	18	2,692	695	16,838,460
Portland, ME	6	91	780	638,820
Scranton-Wilkes-Barre,PA	9	353	740	2,350,980
North Central				
Cedar Rapids, IA	4	347	705	2,201,715
Champaign-Urbana-Rantoul, IL	2	2,659	765	18,307,215
Chicago-Gary-Lake City, IL-IN-WI	77	7,859	785	55,523,835
Cincinnati-Hamilton, OH-KY-IN	10	1,445	710	9,233,550
Cleveland-Akron-Lorain, OH	18	3,460	720	22,420,800
Dayton-Springfield, OH	12	791	690	4,912,110
Detroit-Ann Arbor, MI	26	6,424	690	39,893,040
Green-Bay, WI	2	78	680	477,360
Indianapolis-Anderson, IN	8	385	705	2,442,825
Kansas City, MO-KS	22	1,220	730	8,015,400
Milwaukee-Racine, WI	14	1,384	715	8,906,040
Minneapolis-St. Paul MN-WI	23	3,341	730	21,950,370
St.-East St. Louis-Alton, MO-IL	28	2,543	715	16,364,205
Wichita, KS	4	1,111	730	7,299,270
South				
Atlanta, GA	27	3,729	715	23,996,115
Austin, TX	8	4,177	705	26,503,065
Baltimore, MD	25	2,160	770	15,107,400
Baton Rouge, LA	2	2,267	710	14,486,130
Dallas-Fort Worth, TX	27	5,314	730	34,912,980
Raleigh-Durham, NC	13	2,825	730	18,560,250
Houston-Galveston-Brazoria, TX	22	5,843	705	37,073,835
Nashville, TN	11	1,203	705	7,633,035
Orlando, FL	4	859	710	5,489,010
Washington, DC-MD-VA	33	16,544	850	126,581,600
Miami-Fort Lauderdale, FL	12	9,759	735	64,555,785
West				
Bakersfield, CA	3	177	750	1,194,750
Denver-Boulder, CO	17	2,612	705	16,573,140
Los Angeles-Anaheim-Riverside, CA	99	24,779	850	189,559,350
San Diego, CA	18	3,745	790	26,626,950
San Francisco-Oakland-San Jose, CA	77	13,907	895	112,020,885
Seattle-Tacoma, WA	20	3,744	790	26,619,840
Honolulu, HI	13	4,034	925	33,583,050
Portland-Vancouver, OR-WA	22	2,215	770	15,349,950
Anchorage, AK	8	290	980	2,557,800

[1] *Estimated expenditures are based on the number of foreign students reported in academic year 1988/89, multiplied by the metropolitan area's suggested monthly maintenance rate for the academic year 1989/90, multiplied by nine months.*

Part III: INTENSIVE ENGLISH LANGUAGE PROGRAMS

BACKGROUND

In the late seventies, upon the recommendation of the Interassociational Committee on Data Collection (ICDC), IIE conducted an exploratory survey to determine the number of nonimmigrant foreign students enrolled in Intensive English Language Programs (IELPs). The results of that survey, presented in *Open Doors 1978/79*, indicated that a significant number of foreign students enrolled in these IELPs. Since these students constitute a substantial pool for entry into full-time academic programs, IIE began to survey IELP's on an annual basis.

THE SURVEY

Using *English Language and Orientation Programs in the United States*, (New York, IIE 1984) as a directory of IELPs, IIE surveyed 383 programs offering a minimum of fifteen hours of classroom instruction per week, 9 fewer than in 1987/88. (A list of the IELPs surveyed appears in **Appendix A8**). Officials connected with each

TABLE 11.0

Foreign Student Enrollment and Intensive English Language Programs Reporting, Fall 1978/79-1988/89

Year	Foreign IELP Students	Number of Programs
1978/79	23,607	163
1979/80	20,243	190
1980/81	22,897	238
1981/82	32,224	305
1982/83	30,135	314
1983/84	25,246	308
1984/85	25,414	352
1985/86	23,956	337
1986/87	25,044	306
1987/88	23,965	291
1988/89	29,747	306

11.A
Foreign Student Enrollments in Intensive English Language Programs, 1979/80 - 1988/89

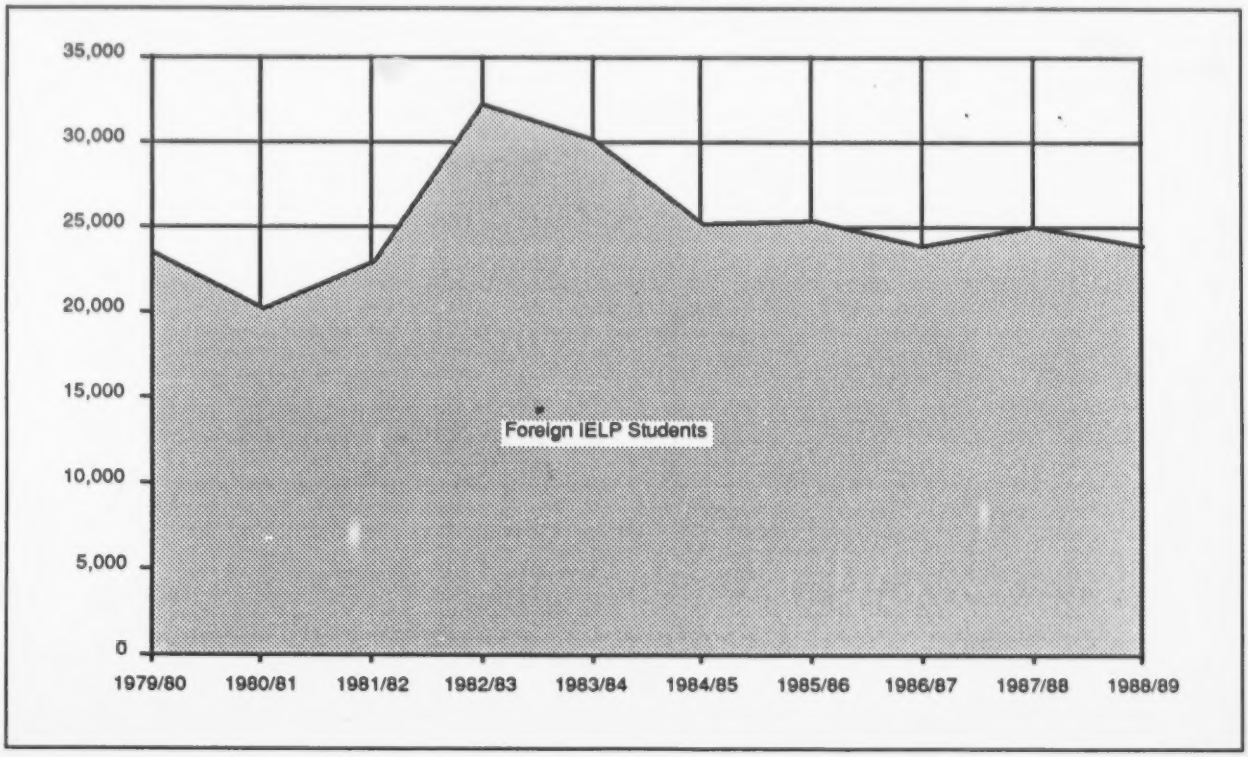


TABLE 11.1

Intensive English Language Programs and IELP Students by Reporting Category, Fall 1986/87-1988/89

Reporting Category	1986/87				1987/88				1988/89			
	IELP Programs		Foreign IELP Students		IELP Programs		Foreign IELP Students		IELP Programs		Foreign IELP Students	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
IELP Survey Only	157	51.3	15,089	60.2	149	51.2	15,138	63.2	151	49.3	16,437	55.3
Annual Census	149	48.7	9,955	39.8	142	48.8	8,827	36.8	155	50.7	13,310	44.7
TOTAL	306	100.0	25,044	100.0	291	100.0	23,965	100.0	306	100.0	29,747	100.0

TABLE 11.2

Institutions with the Most IELP Students, Fall 1988/89

Institution	State	IELP Students
Miami-Dade Community College/ESL	FL	1,068
Hunter College/International English Language Institute	NY	843
New York University /American Language Institute	NY	807
El Paso Community College/Intensive ESL	TX	736
Loop College/ESL	IL	673
Coastline Community College/ESL	CA	600
Boston University/ Center for English Language and Orientation Programs	MA	494
University of Southern California/American Language Institute	CA	490
Central Piedmont Community College/ ESL	NC	457
Queens College/English Language Institute	NY	440
San Diego State University/ American Language Institute	CA	418
Hawaii Pacific College/ English Foundations Program	HI	390
American University/English Language Institute	DC	376
Columbia University/American Language Program	NY	304
LaGuardia Community College/ Intensive English Program	NY	300
University of Washington/ ESL	WA	297
California State University, Northridge/ ESL	CA	291
Brigham Young University/English Language Institute	HI	289
California State University, Los Angeles/American Culture and Language Program	CA	263

TABLE 11.3

States With the Most IELP Students and Percent Change, Fall 1987/88-1988/89

Rank		State	1987/88		1988/89		% Change
1987/88	1988/89		Foreign Students	% of Total	Foreign Students	% of Total	
1	1	California	3,749	15.6	5,601	18.8	49.4
2	2	New York	3,561	14.9	4,015	13.5	12.7
3	3	Florida	1,953	8.1	2,178	7.3	11.5
5	4	Texas	1,044	4.4	1,736	5.8	66.3
7	5	Washington	864	3.6	1,269	4.3	46.9
6	6	Illinois	925	3.9	1,228	4.1	32.8
4	7	Massachusetts	1,361	5.7	1,221	4.1	-10.3
10	8	District of Columbia	573	2.4	979	3.3	70.9
9	9	Hawaii	629	2.6	846	2.8	34.5
8	10	Ohio	747	3.1	749	2.5	0.3
Total, 10 Leading States			15,406	64.3	19,822	66.5	28.6

program were asked to report the total number of foreign students enrolled during the fall of1988, their gender, visa type, and country or other place of origin, and to indicate whether information on these students was also reported in the Census.

RESULTS

IIE received 322 responses to the survey. A total of 306 institutions reported enrolling foreign students in Intensive English Language Programs; of the remaining 16, 14 reported enrolling no foreign students and 2 reported offering summer programs only.

Table 11.0 summarizes the basic findings of last year's survey, with comparable results from past years. The number of programs reporting foreign student enrollments increased by 5.1%, from 291 in 1987/88 to 306 in 1988/89. The number of foreign students enrolled in IELPs, 29,747, also increased, by a substantial 5,782 or 24.1% (**Figure 11.A**). IELP students represented 8.1% of all foreign students in the United States in 1988/89, up from 6.7% in the previous year.

The number of programs that are associated with a college or university increased slightly from 142 in 1987/88 to 155 this year (**Table 11.1**). These enrolled 13,310 foreign students, or 50.7% more than in the previous year. The number of programs that are not affiliated with an institution of higher education also increased very slightly during the same period, from 149 to 151. These programs enrolled 16,437 students, 1,299 or 8.6% more than in the previous year.

The Intensive English Language Programs reporting the highest foreign student enrollments are listed in **Table 11.2**. Miami-Dade Community College/English as a Second Language led with 1,068 students. The second largest program was Hunter College/International English Language Institute, with 843 students, and New York University/American Language Institute was third, with 807 students. Other programs with relatively high enrollments were El Paso Community College/Intensive ESL (736), Loop College/English as a Second Language, which enrolled 673 students, and Coastline Community College, which had 600 students. The 10 largest programs enrolled 6,608 students, constituting 22.2% of all students in IELPs.

Distribution by State. The distribution of foreign students in IELPs among the 47 states and the District of Columbia which reported foreign IELP students is presented in **Table 11.4**. The numbers of students included in the Census and those not included in the Census are presented separately. Distribution was quite uneven, ranging from 6 students in Alaska to 5,601 in California. Seven states had more than 1,000 IELP students, while three states and three territories had none.

States with the Most IELP Students. Table 11.3 lists the states reporting the highest IELP enrollments. Eight of the states with the most IELP students also had the highest enrollments of foreign students in general (see **Table 5.6**). The only exceptions are Washington and

TABLE 11.4

Reporting Category of IELP Students by State, Fall 1988/89

State	Reporting Category		Foreign IELP Students
	Included in Census	Not Included In Census	
Alabama	230	10	240
Alaska	—	6	6
Arizona	352	157	509
Arkansas	84	21	105
California	719	4,882	5,601
Colorado	79	575	654
Connecticut	50	100	150
Delaware	166	—	166
District of Columbia	492	487	979
Florida	1,553	625	2,178
Georgia	45	215	260
Hawaii	840	6	846
Idaho	44	—	44
Illinois	905	323	1,228
Indiana	169	50	219
Iowa	294	5	299
Kansas	457	101	558
Kentucky	36	57	93
Louisiana	29	227	256
Maine	26	—	26
Maryland	293	40	333
Massachusetts	778	443	1,221
Michigan	370	166	536
Minnesota	—	166	166
Mississippi	5	98	103
Missouri	150	2	152
Montana	0	0	0
Nebraska	59	226	285
Nevada	23	3	26
New Hampshire	40	77	177
New Jersey	149	242	391
New Mexico	13	18	31
New York	931	3,084	4,015
North Carolina	557	49	606
North Dakota	0	0	0
Ohio	582	167	749
Oklahoma	97	258	355
Oregon	186	348	534
Pennsylvania	373	221	594
Rhode Island	11	30	41
South Carolina	—	78	78
South Dakota	46	—	46
Tennessee	148	232	380
Texas	1,092	644	1,736
Utah	250	244	494
Vermont	66	171	237
Virginia	74	80	154
Washington	404	865	1,269
West Virginia	—	93	93
Wisconsin	43	545	588
Wyoming	0	0	0
Guam	0	0	0
Puerto Rico	0	0	0
Virgin Islands	0	0	0
TOTAL	**13,310**	**16,437**	**29,747**

TABLE 11.5

IELP Students by World Region of Origin, and Percent Change, Fall 1987/88 1988/89

Region of Origin[1]	1987/88 Foreign IELP Students	1987/88 % of Total	1988/89 Foreign IELP Students	1988/89 % of Total	% Change
Africa	698	2.9	836	2.8	19.8
Asia	12,570	52.4	16,826	56.6	33.9
Europe	2,162	9.0	2,511	8.4	16.1
Latin America	5,275	22.0	6,004	20.2	13.8
Middle East	3,010	12.6	3,313	11.1	10.1
North America	32	0.1	26	0.1	-18.8
Oceania	186	0.8	196	0.7	5.4

[1] *Does not include students classified as stateless.*

Hawaii, which were among the top ten with IELP students, but not foreign students in general. California had 1,852 more students than in the previous year, a 49.4% increase. All the top ten states but one gained IELP students in the past year; the one exception was Massachusetts which lost 140 students, and dropped from fourth to seventh place in the ranking. Washington, by contrast, gained 405 IELP students, an increase of 46.9%, and moved from seventh place to fifth.

Region and Country or Other Place of Origin

Table 11.5 presents the distribution of IELP students by region of origin in 1987/88 and 1988/89. The data show that more than half of the students (56.6%) were from Asia, a proportion similar to that reported on the Census. Compared to total foreign student distributions, Latin Americans (20.2%) were overrepresented in IELP pro-

11.B
Gender of IELP Students, 1988/89

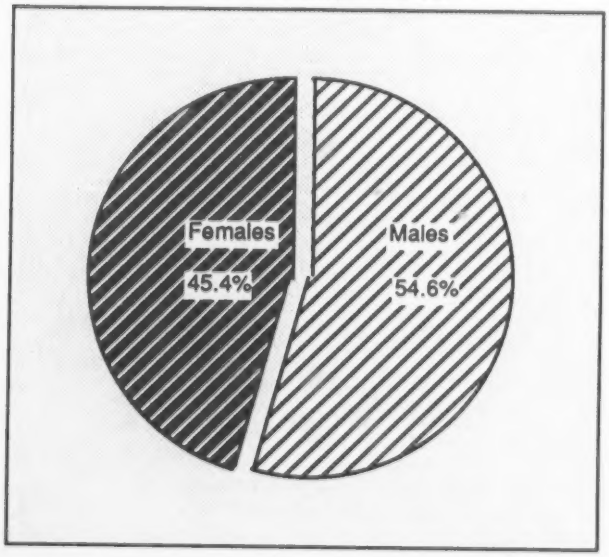


TABLE 11.6

IELP Students by World Region, Subregion, and Leading Place of Origin, 1987/88-1988/89

Locality	1987/88	1988/89	% Change
AFRICA	**698**	**836**	**19.8**
North Africa	**287**	**343**	**19.5**
Morocco	116	212	82.8
Egypt	90	50	-44.4
Sudan	45	44	-2.2
Sub Saharan Africa[1]	**411**	**493**	
Ethiopia	78	114	46.2
Somalia	58	51	-12.1
Cameroon	35	44	25.7
ASIA	**12,570**	**16,826**	**33.9**
East Asia	**10,087**	**13,781**	**36.6**
Japan	6,289	9,454	50.3
China	1,781	1,695	-4.8
Korea, Rep. of	1,114	1,371	23.1
South and Central Asia	**323**	**362**	**12.1**
Pakistan	130	111	-14.6
Bangladesh	107	101	-5.6
India	61	69	13.1
Southeast Asia	**2,160**	**2,683**	**24.2**
Indonesia	727	744	2.3
Thailand	682	856	25.5
Vietnam	221	569	157.5
EUROPE	**2,162**	**2,511**	**16.1**
Eastern Europe	**246**	**378**	**53.7**
Poland	146	181	24.0
U.S.S.R.	36	96	166.7
Yugoslavia	25	46	84.0
Western Europe	**1,916**	**2,133**	**11.3**
France	334	419	25.4
Spain	321	392	22.1
Switzerland	365	366	0.3
LATIN AMERICA	**5,275**	**6,004**	**13.8**
Caribbean	**510**	**368**	**-27.8**
Haiti	157	187	19.1
Dominican Republic	152	155	2.0
Central America	**2,346**	**2,067**	**-11.9**
Mexico	992	1,842	85.7
Nicaragua	525	526	0.2
Panama	212	187	-11.8
South America	**2,419**	**2,569**	**6.2**
Colombia	800	848	6.0
Brazil	463	466	0.6
Venezuela	305	370	21.3
MIDDLE EAST	**3,010**	**3,313**	**10.1**
Saudi Arabia	835	703	-15.8
Turkey	294	500	70.1
Jordan	372	402	8.1
NORTH AMERICA	**32**	**26**	**-18.8**
Canada	32	26	-18.8
OCEANIA	**186**	**196**	**5.4**
Tonga	40	55	37.5
Western Samoa	37	53	43.2
Pacific Islands, Trust Terr. of	37	31	-16.2
TOTAL	**23,965**	**29,747**	**23.0**

[1] *Includes Eastern, Central, Southern and West Africa.*

TABLE 11.7

Leading Countries or Other Places of Origin of IELP Students and Percent Change, Fall 1987/88-1988/89

Rank		Country/ Locality of Origin	1987/88		1988/89		% Change
1987/88	1988/89		Foreign IELP Students	% of Total IELP	Foreign IELP Students	% of Total IELP	
1	1	Japan	6,289	26.2	9,454	31.8	50.3
4	2	Mexico	992	4.1	1,842	6.2	85.7
2	3	China	1,781	7.4	1,695	5.7	-4.8
3	4	Korea, Rep. of	1,114	4.6	1,371	4.6	23.1
8	5	Thailand	682	2.8	856	2.9	25.5
9	6	Taiwan	640	2.7	850	2.9	32.8
6	7	Colombia	800	3.3	848	2.9	6.0
7	8	Indonesia	727	3.0	744	2.5	2.3
5	9	Saudi Arabia	835	3.5	703	2.4	-15.8
—	10	Vietnam	221	0.9	569	1.9	157.5
Total, 10 Leading Countries of Origin			14,385[1]	60.0[1]	18,932	63.9	31.6

[1]Totals are for the ten leading countries or other places of origin of 1987/88 which included Nicaragua (ranked tenth).

grams, while Africans (2.8%) and, more understandably, North Americans (0.1%) and Oceanians (0.7%) were underrepresented. The proportion of Middle Easterners attending IELPs (11.1%) is similar to the proportion of all students from this region.

The countries and other places that sent the largest number of IELP students in 1988/89, presented in **Table 11.6**, were substantially different from the leading countries of origin reported in the Annual Census (**Table 2.5**). Commonwealth members such as Malaysia and Hong Kong are not represented among IELP enrollments, since English is a language of instruction at home. In contrast, some non-English speaking countries like the Republic of Korea, China, Japan, and Indonesia sent relatively large numbers of both IELP students and foreign students overall.

Most IELP students in 1988/89 were from Japan (9,454); Mexico (1,842); and China (1,695). As **Table 11.7** indicates, seven of the 10 leading places of origin of IELP students are in Asia, two are in Latin America, and one is in the Middle East. Taiwan, whose students represented the second largest number of foreign students in the overall foreign student population, had only 850 IELP students.

The largest percentage increases in IELP enrollment occurred among students from Vietnam with double the amount enrolled in 1987/88 resulting in a 157.5% increase, Mexico with 850 more students (85.7%) and from Japan, with 3,165 more students (50.3%). The countries that experienced the largest percentage decreases in IELP were Saudi Arabia with a decrease of 15.8% attending IELP programs here, and China with a decrease of 4.8%.

Personal Characteristics. The percentage of male and female students in IELPs is illustrated in **Figure 11.B**. There were proportionately more women (45.4%) among IELP students than among foreign students reported in the Annual Census (33.5%), and the proportion of female IELP students increased from 42.9% in 1987/88 to its current share of 45.4% in 1988/89.

Table 11.8 shows the visa type of IELP students. The proportions holding F and J visas in 1988/89 were somewhat lower than the proportions for all foreign students (see **Table 4.7**), while the proportions of refugees and those holding other visas were higher. Over the past year, there was a large increase in the number of IELP students on F visas; the number rose from 18,269 to 22,240, an increase of 3,971 or 21.7%. The number and proportion of students on "other" visas also increased considerably, by 1,313 or 40.8%. Definitions of the F, J, and M visas appear in the front of this publication.

TABLE 11.8

IELP Students by Visa Type, Fall 1987/88-1988/89

Visa Type	1987/88		1988/89	
	Foreign IELP Students	% of Total	Foreign IELP Students	% of Total
F Visa	18,269	76.2	22,240	74.8
J Visa	1,204	5.0	1,163	3.9
M Visa	33	0.1	40	0.1
Other Visa	3,215	13.4	4,528	15.2
Refugee	1,244	5.2	1,776	6.0
TOTAL	23,965	[illegible]	29,747	100.0

Part IV: STUDY ABROAD

U.S. STUDY ABROAD

The predominant direction of student mobility in the world today is from the countries of the East to the "host" or "receiving" countries of the West, as the previous chapters, especially Chapter 1, have shown. There are also important outflows from these Western countries to other leading host regions and to the rest of the world. Until 1986/87 when IIE published the results of its first study abroad survey, the only source of data on student mobility from the United States to other countries was the *Unesco Statistical Yearbook*, of which extensive use was made in Chapter I (It will be noticed that the figures in these tables differ from those in the Unesco data. This is because the Unesco sources report only students enrolled for degrees and thus do not count students in summer or semester programs).

This year, for the second time since 1985/86, the Institute of International Education conducted an independent survey of the scale and composition of U.S. student flows. This survey was conducted in response to a considerable and growing U.S. higher education interest in patterns of study abroad and the significance they have in educational terms, primarily in the education of undergraduates but also for that of graduate students.

While there are a large range of "overseas opportunities" in which U.S. students participate (study/travel tours, internships, practical training, etc.) the study abroad survey conducted by IIE focuses specifically on study abroad for academic credit. It is intended to serve those who plan the efficient use of university and college resources, those who design undergraduate curricula and overseas programs, and those who need to understand how many and which kinds of students are presently, and in the likely future, obtaining a significant portion of their education at an institution in any foreign country. The study abroad population in the survey has been narrowly defined as only those students who received academic credit from a U. S. institution after they returned from their study abroad experience. It is not a survey of study abroad programs to determine the numbers of students enrolled in them and to obtain other information about them. IIE's *Academic Year Abroad* and *Vacation Study Abroad* provide detailed information on study programs worldwide for U.S. students. The numbers of students receiving academic credit are inevitably lower than the totals of those participating in study abroad programs of U.S. institutions and/or enrolled directly in foreign institutions of higher education.

Before 1986/87 no effective data collection strategy had been developed to capture the full picture of all U.S. students abroad; the current effort, although less than complete, offers the most comprehensive analysis of a major sector of the study abroad population and the first comparative data for determining patterns in the evolution of study abroad.

TABLE 12.0

Study Abroad Survey: Response Rates, 1985/86-1987/88

Responses	1985/86	1987/88
Institutions		
Surveyed	2,896	2,904
Responding	1,898	1,703
With No Study Abroad Students	1,189	899
With Study Abroad Students	709	804
Students Reported	**48,483**	**62,341**

TABLE 12.1

Response Rate to Individual Variables, Study Abroad Survey, 1985/86-1987/88

Category	1985/86		1987/88	
	Number	Percent	Number	Percent
Host Country	46,858	96.6	51,969	83.4
Field of Study	29,813	61.5	36,501	58.5
Academic Level	*	*	42,041	67.4
Gender	38,681	79.8	41,111	66.0
Duration of Study	45,213	93.3	49,938	80.1
Total Responses	**48,483**	--	**62,341**	--

** Information not available for that year.*

THE 1987/88 SURVEY

Before carrying out the 1987/88 survey of U.S. Study Abroad, IIE staff consulted with AACRAO and NAFSA through the International Education Data Collection Committee (IEDC, formerly ICDC), and with administrators in the field of international education with special expertise in the field of study abroad. As a result, a question concerning academic level was added to the 1987/88 survey form (a copy of the questionnaire appears in **Appendix 8**).

Survey forms were sent to all accredited institutions of higher education; they were addressed either to study

TABLE 12.2

Program Type of U.S. Study Abroad Students, 1985/86-1987/88		
	% of Study Abroad Students	
Program Type	1985/86	1987/88
Sponsored by U.S. Institution	87.8	84.9
Direct Enrollment in Foreign Institution	6.7	11.6
Other	5.5	3.5

TABLE 12.3

Host Region of U.S. Study Abroad Students, 1985/86-1987/88		
	% of Study Abroad Students	
Host Region	1985/86	1987/88
Africa	1.1	1.2
Asia	5.4	6.1
Europe	79.6	75.4
Latin America	7.0	9.2
Middle East	4.0	4.7
North America	0.9	1.4
Oceania	0.9	1.2
Multiple Regions	1.0	0.8

abroad contacts established with the 1985/86 Study Abroad Survey, or to contacts used for the Annual Census, with the request that they be passed on, if necessary, to a more appropriate campus official. With the same request, forms were also sent to a limited listing of study abroad coordinators maintained by IIE for its series of publications on study abroad programs.

Surveys were mailed to 2,904 institutions and responses were received from 1,703 (**Table 12.0**). Although the overall number of institutions responding to the survey was smaller than in 1985/86, the number of institutions reporting Study Abroad students was much greater this year: 804 compared to 709. Thus, the survey was much more effective in eliciting responses from the targeted population in 1987/88.

The responding institutions reported that a total of 62,341 students received academic credit for study in another country, 13,858 more than the 48,483 reported in 1985/86. This represents a large increase of 28.6%. It should be noted, however, that, while study abroad enrollments may have increased since 1985/86, the increase reflected in our data is due to the higher response rate of institutions with study abroad students in 1987-88. Approximately 100 institutions which responded last year for the first time account for the much higher numbers in 1987/88.

Not all institutions that reported having given credit for study abroad in 1987/88 provided detailed information about the characteristics of the students, as shown in **Table 12.1**. The proportion of schools that gave breakdowns for individual variables ranged from 59% for field of study to 80% for duration of study.

Among the 62,341 students who received credit for studying abroad in 1987/88, 84.9% were enrolled in programs sponsored by U.S. institutions of higher education, 11.6% were directly enrolled in foreign schools, and 3.5% were in "other" types of programs (**Table 12.2**). When compared to the figures for 1985/86, we can see slightly lower proportions of students enrolled in U.S. institution-sponsored programs (a decrease of 2.9% from 1985/86) and a rise in the proportion of students (4.9% or 3,977 students) enrolled directly in foreign institutions.

GEOGRAPHIC DESTINATION

The vast majority of study abroad students chose to study in Western Europe in 1987/88. Well over two-thirds (71.6%) of them studied there. Europe as a whole accounted for over three-quarters (75.4%) of the total U.S. study abroad population. Lagging far behind Europe but experiencing an increase of 1505 students from 1985/86, was Latin America, which accounted for 9.2% of the total study abroad student population in 1987/88. Asia, which attracted 5.4% in 1985/86, attracted 6.1% of the study abroad students in 87/88. The Middle East received 4.7%, compared to 4.0% the last time the survey was conducted, and North America attracted 1.4% compared to 0.9%. The percentage of U.S. students studying in Europe was the only portion to decline between surveys, going from 79.6% in 85/86 to 75.4% in 1987/88.

TABLE 12.4

Leading Host Countries of U.S. Study Abroad Students, 1985/86-1987/88		
	% of Study Abroad Students	
Host Country	1985/86	1987/88
United Kingdom	29.3	28.5
France	13.7	12.0
Spain	8.8	7.9
Italy	7.8	7.7
Mexico	4.2	5.3
Germany, F.R.	6.1	5.0
Israel	4.0	3.5
Austria	3.9	3.1
Japan	2.5	2.2
China	1.7	2.1

TABLE 12.5

Field of Study of U.S. Study Abroad Students, 1985/86-1987/88

Field of Study	% of Study Abroad Students	
	1985/86	1987/88
Agriculture	1.0	0.8
Business and Management	10.9	11.1
Education	4.1	4.1
Engineering	1.6	1.4
Fine and Applied Arts	6.9	6.4
Foreign Language	16.7	14.8
Health Sciences	1.7	1.4
Humanities	7.8	11.0
Liberal Arts	18.2	20.9
Mathematics and Computer Sciences	1.3	1.2
Physical and Life Sciences	3.8	2.5
Social Studies	13.7	14.0
Undeclared	4.2	3.8
Other	8.2	6.8

LEADING HOST COUNTRIES

Because of the concentration of foreign students in one region (Europe) it is most useful to examine the country destinations of American students in terms of the worldwide distribution of the study abroad population. The top 10 countries received close to eight out of ten Americans studying abroad (77.3%). The United Kingdom lead the way with 28.5% of all study abroad students, followed by France with 12.0%. The next eight countries were Spain (7.9%), Italy (7.7%), Mexico (5.3%), Germany F.R. (5.0%), Israel (3.5%), Austria (3.1%), Japan (2.2%), and China (2.1%). All of the top four countries and six of the top ten are in Western Europe, two are in Asia, while the Middle East and Latin America have one each.

It is interesting to note that, in some regions, a single country accounts for a substantial portion of the regional total. Israel, for example, had 1,808 (74.5%) of the 2,426 students in the Middle East. Similarly, Mexico received 5.3% of all study abroad students worldwide while all of Latin America accounted for only 9.2%. Mexico is also ranked above The Federal Republic of Germany this year in the proportion of U.S. study abroad students it hosted.

Outside of the major receiving regions, the student patterns are as follows: In Africa, Kenya was the largest receiver with 287 students (0.5% of the overall study abroad total). The leading country in Eastern Europe was the Soviet Union with 693 students (1.3% of all study abroad students). In North America, Canada was the only host country, with 460 students (0.8%), and finally in Oceania, Australia was the regional leader with 479 (0.9%). Because many students studied in more than one country in a region, the country percentages add up to more than 100%. Percentage calculations are further complicated by that fact close to 1% of the European total is reported only as Europe, with no country specified.

FIELD OF STUDY

The major fields of study of the students abroad were Liberal Arts, chosen by 20.9% of all study abroad students (up from 18.2% in 1985/86) followed closely by foreign languages, which accounted for 14.8% (down from 16.7% in the previous survey year) (**Table 12.5**). Three other fields of study accounted for over 10% of all study abroad students, social sciences (14.0%), business and management (11.1%), and the humanities (11.0%). Therefore, the field of study choices of American students abroad are significantly different from those of foreign students in the U.S. Only 5.1% of Americans abroad chose engineering, physical and life sciences, and math and computer sciences. The corresponding figure for foreign students in the United States is 37.9%. The number of American students studying the humanities and social sciences abroad is 25% while the equivalent for foreign students coming to the U.S. is 11.5%. Both the humanities and the social sciences received larger proportions of U.S. study abroad students in this survey year, the humanities receiving 11.0% compared to 7.8% in the 85/86 survey year.

ACADEMIC LEVEL

This year, for the first time, the institutions surveyed concerning study abroad were asked to give information on the academic level of the students receiving credit for their time abroad. The institutions responding provided academic level information on 42,041 or 67.4% of the study abroad population (**Table 12.1**), and indicated

TABLE 12.6

Academic Level of U.S. Study Abroad Students, 1987/88

Academic Level	% of Study Abroad Students
Associate	5.9
Bachelor's	88.4
Freshman	4.3
Sophomore	12.2
Junior	38.7
Senior	15.5
Unspecified	17.6
Graduate	5.7

TABLE 12.7

Duration of Stay of U.S. Study Abroad Students, 1985/86-1987/88		
	% of Study Abroad Students	
Duration	1985/86	1987/88
Quarter	7.9	7.3
Semester	37.3	35.0
Summer	28.1	32.4
Academic Year	17.7	17.5
Calendar Year	1.1	0.4
Other	7.7	7.4

TABLE 12.8

Gender of U.S. Study Abroad Students, 1985/86-1987/88		
	% of Study Abroad Students	
Gender	1985/86	1987/88
Male	36.2	35.5
Female	63.8	64.5

what portions of those students were at the Associate, Bachelor (broken down by Freshman, Sophomore, Junior and Senior), or Graduate level. The proportions of study abroad students studying at the various levels are presented in **Table 12.8**.

Perhaps not surprisingly, 94.3% of the study abroad population studied at the undergraduate (Bachelor and Associate) level. This proportion consisted of 88.4% studying for a Bachelors Degree and 5.9% for an Associate. Within the Bachelor undergraduate group, the majority (16,284 or 38%) were Juniors, followed by Seniors who made up 15.5% (6,539 students), Sophomores consisting of 12.2%, or 5,136 students,and finally Freshman at 4.3% with 1,826 students. For a large proportion (17.6%) of the Bachelor degree candidates specific level was unspecified.

The percentage of students studying abroad for credit at the graduate level was considerably smaller than of those studying at the undergraduate. Only 5.7% or 2,377 students were graduate students. The proportion of foreign students coming to the United States to study at the graduate level is much greater (45.2%), and is the greater proportion within the whole of the foreign student population.

DURATION OF STUDY

Over a third of all study abroad students receiving academic credit spent one semester abroad (35.0%). Close to a third went abroad only for the summer (32.4%) and 17.5% spent the entire academic year in the receiving country. Less than ten percent (7.3%) stayed for a single academic quarter and a scant 0.4% spent a full calendar year. Compared to figures for 1985/86, a smaller proportion of students spent a semester stay abroad while a greater share received credit for summer study abroad (**Table 12.7**).

GENDER

The gender distribution of U.S. students abroad was almost exactly the opposite of the profile of foreign students studying in the United States, as indicated in **Table 12.8**. Just over a third of the study abroad students were male (35.5%), while a corresponding two-thirds were female (64.5%). The gender breakdown for foreign students in the U.S. is 66.5% male and 33.5% female. The proportion of American male students studying abroad decreased from 36.2% in 1985/86 to 35.5% this survey year.

PART V: APPENDICES

A1. FOREIGN STUDENT ENROLLMENT BY INSTITUTION

NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
	ALABAMA								
63400	ALABAMA A & M UNIV	NORMAL	515		406		21.2-	Y	Y
63403A	ALABAMA AT BIRMINGHAM, U	BIRMINGHAM	435		450	E	3.4	Y	Y
63403C	ALABAMA AT HUNTSVILLE, U	HUNTSVILLE	190	E	225	E	18.4	Y	N
63459	ALABAMA AVIATION & TECH C	OZARK			6	F	**	Y	N
63402	ALABAMA STATE UNIV	MONTGOMERY	47		37		21.3-	Y	Y
63403	ALABAMA, UNIV OF	TUSCALOOSA	743	E	727		2.2-	Y	Y
63405	ALEXANDER CITY STATE JC	ALEXANDER CITY	10		6		40.0-	Y	Y
63406	ATHENS STATE COLL	ATHENS	0		1		**	Y	Y
63407A	AUBURN U AT MONTGOMERY	MONTGOMERY	24		27		12.5	Y	Y
63407	AUBURN U MAIN CAMPUS	AUBURN UNIV	593		615		3.7	Y	Y
63460	BESSEMER STATE TECH COLL	BESSEMER			0	F		Y	N
63408	BIRMINGHAM SOUTHERN COLL	BIRMINGHAM	17		10		41.2-	Y	Y
63404	BREWER STATE JR COLL	FAYETTE	1		1		0.0	Y	Y
63452	CHATTAHOOCHEE VALLEY CC	PHENIX CITY	10		10		0.0	Y	Y
63451	CONCORDIA COLL	SELMA	2		0		100.0-	Y	N
63461	DOUGLAS MACARTHUR ST TECH	OPP			0	F		Y	N
63411	ENTERPRISE STATE JR COLL	ENTERPRISE	1		0		100.0-	Y	N
63417	FAULKNER STATE JR COLL	BAY MINETTE	3		6		100.0	Y	Y
63401	FAULKNER UNIV	MONTGOMERY	29		36		28.6	Y	N
63414	G WALLACE STATE CC DOTHAN	DOTHAN	7		5		28.6-	Y	Y
63453	G WALLACE STATE CC HANCVL	HANCEVILLE	3		4		33.3	Y	Y
63450	G WALLACE STATE CC SELMA	SELMA	0		0			Y	N
63413	GADSDEN STATE CMTY COLL	GADSDEN	267		266		0.4-	Y	Y
63462	HARRY M AYERS STATE TECH	ANNISTON			0	F		Y	N
63463	HOBSON STATE TECH COLL	THOMASVILLE			0	F		Y	N
63415	HUNTINGDON COLL	MONTGOMERY	12		17		41.7	Y	Y
63464	J F DRAKE ST TECH COLL	HUNTSVILLE			9	F	**	Y	Y
63416	JACKSONVILLE STATE UNIV	JACKSONVILLE	135		130		3.7-	Y	Y
63418	JEFFERSON DAVIS STATE JC	BREWTON	2		4		100.0	Y	Y
63419	JEFFERSON STATE JR COLL	BIRMINGHAM	72		64		11.1-	Y	Y
63420	JOHN C CALHOUN STATE CC	DECATUR	12		9		25.0-	Y	Y
63465	JOHN M PATTERSON ST TECH	MONTGOMERY			1	F	**	Y	Y
63422	JUDSON COLL	MARION	5		4		20.0-	Y	Y
63443	LAWSON STATE CMTY COLL	BIRMINGHAM	0		0			Y	N
63423	LIVINGSTON UNIV	LIVINGSTON	13		14		7.7	Y	Y
63424	LURLEEN B WALLACE ST JC	ANDALUSIA	2		12		500.0	Y	Y
63425	MARION MILITARY INST	MARION	3		0		100.0-	Y	N
63426	MILES COLL	BIRMINGHAM	9		0		100.0-	Y	N
63427	MOBILE COLL	MOBILE	18		15		16.7-	Y	Y
63429	MONTEVALLO, UNIV OF	MONTEVALLO	67		53		20.9-	Y	Y
63466	MUSCLE SHOALS STATE TECH	MUSCLE SHOALS			0	F		Y	N
63467	N F NUNNELLEY STATE TECH	CHILDERSBURG			0	F		Y	N
63412	NORTH ALABAMA, UNIV OF	FLORENCE	14		18		28.6	Y	Y
63430	NTHEST ALABAMA ST JR COLL	RAINSVILLE	0		2		**	Y	Y
63431	NTHWST ALABAMA ST JR COLL	PHIL CAMPBELL	0		1		**	Y	Y
63468	NTHWST ALABAMA ST TECH	HAMILTON			3	F	**	Y	Y
63432	OAKWOOD COLL	HUNTSVILLE	104		113		8.7	Y	Y
63433	PATRICK HENRY STATE JC	MONROEVILLE	0		0			Y	N
63469	REID STATE TECH COLL	EVERGREEN			0	F		Y	N
63428	S D BISHOP STATE JR COLL	MOBILE	19		15		21.1-	Y	Y
63435	SAMFORD UNIV	BIRMINGHAM	14		16		14.3	Y	Y
63457	SHELTON STATE CMTY COLL	TUSCALOOSA	2		4		100.0	Y	Y
63437	SOUTH ALABAMA, UNIV OF	MOBILE	403		478		18.6	Y	Y
63454	SOUTHERN JR BUSINESS COLL	BIRMINGHAM	1		0		100.0-	Y	N
63439	SOUTHERN UNICN ST JR COLL	WADLEY	4	E	3		25.0-	Y	Y
63471	SPARKS STATE TECH COLL	EUFAULA			0	F		Y	N
63440	SPRING HILL COLL	MOBILE	27		20		25.9-	Y	Y
63470	STHWST STATE TECH COLL	MOBILE			0	F		Y	N
63441	STILLMAN COLL	TUSCALOOSA	17		17		0.0	Y	Y
63442	TALLADEGA COLL	TALLADEGA	5		2		60.0-	Y	Y
63472	TRENHOLM STATE TECH COLL	MONTGOMERY			0	F		Y	N
63444A	TROY STATE U DTHN/FT RCKR	DOTHAN	6		6		0.0	Y	Y
63444	TROY STATE U MAIN CAMPUS	TROY	28		32		14.3	Y	Y
63444B	TROY STATE U MONTGOMERY	MONTGOMERY	1		0		100.0-	Y	N

NRC	INSTITUTION	CITY	1987/88 TOTAL	1988/89 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
63445	TUSKEGEE UNIV	TUSKEGEE INST	233	241	3.4	Y	Y
63458	UNITED STATES SPORTS ACAD	DAPHNE	6	8	33.3	Y	Y
63446	WALKER COLL	JASPER	0	0		Y	N
63473	WALKER STATE TECH COLL	SUMITON		0 F		Y	N
	TOTAL ALABAMA		4,130	4,149	0.5		
	ALASKA						
94401I	ALASKA ANCHORAGE, UNIV OF	ANCHORAGE	69	97 E	40.6	Y	Y
94401	ALASKA FAIRBANKS, UNIV OF	FAIRBANKS	145	156	7.6	Y	Y
94401H	ALASKA JUNEAU, UNIV OF	JUNEAU	8	8	0.0	Y	Y
94400	ALASKA PACIFIC UNIV	ANCHORAGE	25	21	16.0-	Y	N
94401A	ANCHORAGE CMTY COLL	ANCHORAGE	20 E	M			
94401D	ISLANDS CMTY COLL	SITKA	0	N		N	N
94401E	KENAI PENINSULA CMTY COL	SOLDOTNA	3	1	66.7-	Y	Y
94401C	KETCHIKAN CMTY COLL	KETCHIKAN	0	N		N	N
94401F	KODIAK CMTY COLL	KODIAK	0	0		Y	N
94401J	KUSKOKWIM CMTY COLL	BETHEL	1	N		N	N
94401G	MATNUSKA SUSTNA CMTY COL	PALMER	0	1	**	Y	Y
94401K	NORTHWEST CMTY COLL	NOME	0	N		N	N
94401M	PRINCE WM SOUND CMTY COLL	VALDEZ	0	2 E	**	Y	Y
94402	SHELDON JACKSON COLL	SITKA	4	4	0.0	Y	Y
94401L	TANANA VALLEY COLL	FAIRBANKS	1	0	100.0-	Y	N
	TOTAL ALASKA		276	290	5.1		
	ARIZONA						
86425	AMERICN GRAD SCH INTL MGT	GLENDALE	279	295	5.7	Y	Y
86407	AMERICN INDIAN BIBLE COLL	PHOENIX	0	0		Y	N
86400	ARIZONA STATE UNIV	TEMPE	1,917	2,005	4.6	Y	Y
86402	ARIZONA WESTERN COLL	YUMA	7	12	71.4	Y	Y
86401	ARIZONA, UNIV OF	TUCSON	2,599	2,403 E	7.5-	Y	Y
86403	CENTRAL ARIZONA COLL	COOLIDGE	8	8	0.0	Y	Y
86404	COCHISE COLL	DOUGLAS	44	40	9.1-	Y	Y
86430	DEVRY INST OF TECHNOLOGY	PHOENIX	57	36	36.8-	Y	Y
86405	EASTERN ARIZONA COLL	THATCHER	11	28	154.5	Y	Y
86410B	GATEWAY CMTY COLL	PHOENIX	46	19 E	58.7-	Y	N
86410A	GLENDALE CMTY COLL	GLENDALE	82	107	30.5	Y	Y
86406	GRAND CANYON COLL	PHOENIX	28	33	17.9	Y	Y
86410C	MESA CMTY COLL	MESA	132 E	139	5.3	Y	Y
86427	MOHAVE CMTY COLL	KINGMAN	1	0	100.0-	Y	N
86420	NAVAJO CMTY COLL	TSAILE	1	1	0.0	Y	Y
86421	NORTHERN ARIZONA UNIV	FLAGSTAFF	461	472	2.4	Y	Y
86428	NORTHLAND PIONEER COLL	HOLBROOK	0	0		Y	N
86436	OTTAWA UNIV-PHOENIX CTR	PHOENIX	4 F	1	75.0-	Y	Y
86410D	PHOENIX COLL	PHOENIX	43	49	14.0	Y	Y
86434	PHOENIX, UNIV OF	PHOENIX	3	N		N	N
86422	PIMA CMTY COLL	TUCSON	552	646	17.0	Y	Y
86432	PRESCOTT COLL	PRESCOTT	1	5	400.0	Y	Y
86410F	RIO SALADO COLL	PHOENIX	17 E	20 E	17.6	Y	N
86410E	SCOTTSDALE CMTY COLL	SCOTTSDALE	46	63 E	37.0	Y	Y
86410G	SOUTH MOUNTAIN CMTY COLL	PHOENIX	26	7	73.1-	Y	Y
86435	WESTERN INTL UNIV	PHOENIX	163	145	11.0-	Y	Y
86426	YAVAPAI COLL	PRESCOTT	32	33	3.1	Y	Y
	TOTAL ARIZONA		6,560	6,567	0.1		
	ARKANSAS						
71401	ARKANSAS BAPTIST COLL	LITTLE ROCK	0	0		Y	N
71402	ARKANSAS COLL	BATESVILLE	1	1	0.0	Y	Y
71406B	ARKANSAS LITTLE ROCK,U OF	LITTLE ROCK	279	284	1.8	Y	Y
71406	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE	634	611	3.6-	Y	Y
71406A	ARKANSAS MEDL SCIENCES, U	LITTLE ROCK	5	7	40.0	Y	Y
71406C	ARKANSAS MONTICELLO, U OF	MONTICELLO	2	2	0.0	Y	Y

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED. N-NO REPLY. Z-NOT ACCREDITED BY REGIONAL ACCREDITING COMMISSIONS.
RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2. Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
71406D	ARKANSAS PINE BLUFF, U OF	PINE BLUFF	9		8		11.1-	Y	Y
71405A	ARKANSAS STATE U BEEBE BR	BEEBE	2			N		N	N
71405	ARKANSAS STATE U MAIN CAM	STATE UNIVERSTY	348		335		3.7-	Y	Y
71403	ARKANSAS TECH UNIV	RUSSELLVILLE	15		12		20.0-	Y	Y
71404	CENTRAL ARKANSAS, UNIV OF	CONWAY	78		72		7.7-	Y	Y
71425	EAST ARKANSAS CMTY COLL	FORREST CITY	0			N		N	N
71421	GARLAND COUNTY CMTY COLL	HOT SPRINGS	3		1		66.7-	Y	Y
71408	HARDING UNIV	SEARCY	104		120	E	15.4	Y	Y
71409	HENDERSON STATE UNIV	ARKADELPHIA	12		19		58.3	Y	Y
71410	HENDRIX COLL	CONWAY	8	E	10		25.0	Y	N
71411	JOHN BROWN UNIV	SILOAM SPRINGS	70		80		14.3	Y	Y
71422	MISSISSIPPI CO CMTY COLL	BLYTHEVILLE	0		1		**	Y	Y
71426	NORTH ARKANSAS CMTY COLL	HARRISON	7		3		57.1-	Y	Y
71413	OUACHITA BAPTIST UNIV	ARKADELPHIA	23		23		0.0	Y	Y
71414	OZARKS, UNIV OF THE	CLARKSVILLE	96		109		13.5	Y	Y
71415	PHILANDER SMITH COLL	LITTLE ROCK	60	L		N		N	N
71416	PHILLIPS COUNTY CMTY COL	HELENA	0		1		**	Y	Y
71417	SHORTER COLL	N LITTLE ROCK	13		20		53.8	Y	Y
71419A	STHN ARKANSAS U EL DORAD	EL DORADO	0		2		**	Y	N
71419	STHN ARKANSAS U MAIN CAM	MAGNOLIA	23		19		17.4-	Y	Y
71424	STHN ARKANSAS U TECH BR	CAMDEN	0		0			Y	N
71418	STHN BAPTIST COLL	WALNUT RIDGE	3		6		100.0	Y	Y
71420	WESTARK CMTY COLL	FORT SMITH	23		25		8.7	Y	Y
	TOTAL ARKANSAS		1,818		1,771		2.6-		
	CALIFORNIA								
93402	ACAD OF ART COLL	SAN FRANCISCO	375	E	400	E	6.7	Y	N
93590A	ALAMEDA, COLL OF	ALAMEDA	60		40	E	33.3-	Y	N
93401	ALLAN HANCOCK COLL	SANTA MARIA	31		31	L	0.0	Y	N
93707	AMERICAN ACAD DRAMTC ARTS	PASADENA	21		21	L	0.0	Y	N
93716	AMERICAN CONSERV THEATRE	SAN FRANCISCO	2		2		0.0	Y	Y
93542A	AMERICAN RIVER COLL	SACRAMENTO	51		53		3.9	Y	Y
93406	ANTELOPE VALLEY COLL	LANCASTER	18		23		27.8	Y	Y
93407	ARMSTRONG UNIV	BERKELEY	263		226		14.1-	Y	Y
93408	ART CENTER COLL OF DESIGN	PASADENA	174		180		3.4	Y	Y
93410	AZUSA PACIFIC UNIV	AZUSA	259	E	304		17.4	Y	Y
93411	BAKERSFIELD COLL	BAKERSFIELD	46		52		13.0	Y	Y
93412	BARSTOW COLL	BARSTOW	9			N		N	N
93413	BETHANY BIBLE COLL	SANTA CRUZ	3		3		0.0	Y	Y
93414	BIOLA UNIV	LA MIRADA	119		170	E	42.9	Y	N
93695	BROOKS COLL	LONG BEACH	42		40		4.8-	Y	N
93415	BROOKS INST SANTA BARBARA	SANTA BARBARA	100	E	110	E	10.0	Y	N
93416	BUTTE COLL	OROVILLE	110		72	E	34.5-	Y	N
93417	CABRILLO COLL	APTOS	77		80		3.9	Y	Y
93419	CAL BAPTIST COLL	RIVERSIDE	55		49		10.9-	Y	Y
93440	CAL BERKELEY, UNIV OF	BERKELEY	2,187		2,100		4.0-	Y	Y
93421	CAL COLL ARTS & CRAFTS	OAKLAND	99		106		7.1	Y	Y
93422	CAL COLL PODIATRIC MED	SAN FRANCISCO	7		15		114.3	Y	Y
93440A	CAL DAVIS, UNIV OF	DAVIS	1,010		1,069		5.8	Y	Y
93728	CAL FAMILY STUDY CTR	NORTH HOLLYWOOD	1		2		100.0	Y	Y
93700	CAL INST INTEGRAL STUDIES	SAN FRANCISCO	10	L	41		310.0	Y	N
93426	CAL INST OF ARTS	VALENCIA	70		74		5.7	Y	Y
93425	CAL INST OF TECHNOLOGY	PASADENA	390		442		13.3	Y	Y
93440D	CAL IRVINE, UNIV OF	IRVINE	763		840		10.1	Y	Y
93440F	CAL LOS ANGELES, UNIV OF	LOS ANGELES	2,765		2,859		3.4	Y	Y
93427	CAL LUTHERAN UNIV	THOUSAND OAKS	95		95	L	0.0	Y	N
93428	CAL MARITIME ACAD	VALLEJO	13		12		7.7-	Y	Y
93430B	CAL POLY ST U SAN LUIS OB	SAN LUIS OBISPO	156	E	156	L	0.0	Y	N
93440H	CAL RIVERSIDE, UNIV OF	RIVERSIDE	271		286		5.5	Y	N
93440I	CAL SAN DIEGO, UNIV OF	LA JOLLA	932	E	1,161	E	24.6	Y	Y
93440L	CAL SAN FRANCISCO, U OF	SAN FRANCISCO	736		122	E	83.4-	Y	N
93440M	CAL SANTA BARBARA, U OF	SANTA BARBARA	560		584		4.3	Y	Y
93440N	CAL SANTA CRUZ, UNIV OF	SANTA CRUZ	187	E	205		9.6	Y	Y
93429B	CAL SCH PROF PSYCH	SAN DIEGO	12		12	L	0.0	Y	N
93429A	CAL SCH PROF PSYCH BRKLEY	SAN FRANCISCO	11	E	36		227.3	Y	Y

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED.
N-NO REPLY. Z-NOT ACCREDITED BY REGIONAL ACCREDITING COMMISSIONS.
RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2.
Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
93429C	CAL SCH PROF PSYCH FRESNO	FRESNO	6		9		50.0	Y	Y
93429	CAL SCH PROF PSYCH L A	LOS ANGELES	11		13		18.2	Y	Y
93430C	CAL STATE C BAKERSFIELD	BAKERSFIELD	141		116		17.7-	Y	N
93430A	CAL STATE POLY U POMONA	POMONA	400	E	490	E	22.5	Y	N
93430E	CAL STATE U CHICO	CHICO	478		422		11.7-	Y	Y
93430D	CAL STATE U DOMINGUEZ HLS	CARSON	218		221		1.4	Y	Y
93430F	CAL STATE U FRESNO	FRESNO	998		949		4.9-	Y	Y
93430G	CAL STATE U FULLERTON	FULLERTON	574		563		1.9-	Y	Y
93430H	CAL STATE U HAYWARD	HAYWARD	308		343		11.4	Y	Y
93430I	CAL STATE U LONG BEACH	LONG BEACH	1,751	E	1,749	E	0.1-	Y	Y
93430J	CAL STATE U LOS ANGELES	LOS ANGELES	1,303		1,500	E	15.1	Y	N
93430N	CAL STATE U NORTHRIDGE	NORTHRIDGE	528		510	E	3.4-	Y	Y
93430K	CAL STATE U SACRAMENTO	SACRAMENTO	575		614		6.8	Y	Y
93430L	CAL STATE U SAN BERNRDINO	SAN BERNARDINO	196		210		7.1	Y	Y
93430Q	CAL STATE U STANISLAUS	TURLOCK	137		113		17.5-	Y	Y
93627A	CANADA COLL	REDWOOD CITY	160		198		23.8	Y	N
93450	CANYONS, COLL OF THE	VALENCIA	25		25		0.0	Y	N
93453	CERRITOS CMTY COLL	NORWALK	116		137		18.1	Y	Y
93690	CERRO COSO CMTY COLL	RIDGECREST	0		0			Y	N
93454	CHABOT COLL	HAYWARD	76		105		38.2	Y	Y
93455	CHAFFEY CMTY COLL	ALTA LOMA	881		753		14.5-	Y	Y
93456	CHAPMAN COLL	ORANGE	317		297		6.3-	Y	Y
93709	CHRIST COLL IRVINE	IRVINE	19		36		89.5	Y	Y
93699	CHRISTIAN HERITAGE COLL	EL CAJON	10		5		50.0-	Y	Y
93457	CHURCH DIV SCH OF PACIFIC	BERKELEY	5		2		60.0-	Y	Y
93458	CITRUS COLL	GLENDORA	250	E	224		10.4-	Y	Y
93459	CITY COLL SAN FRANCISCO	SAN FRANCISCO	471		436		7.4-	Y	Y
93470	CLAREMONT GRADUATE SCH	CLAREMONT	139		179		28.8	Y	Y
93470A	CLAREMONT MCKENNA COLL	CLAREMONT	25		27		8.0	Y	Y
93566C	COASTLINE CMTY COLL	FOUNTAIN VALLEY	100		82		18.0-	Y	N
93480	COGSWELL COLL	CUPERTINO	18		12		33.3-	Y	Y
93544	COLLEGE OF MARIN	KENTFIELD	103		109		5.8	Y	Y
93481	COLUMBIA COLL	COLUMBIA	4		5		25.0	Y	Y
93482	COMPTON CMTY COLL	COMPTON	104		85		18.3-	Y	Y
93483A	CONTRA COSTA COLL	SAN PABLO	41		49		19.5	Y	Y
93542B	COSUMNES RIVER COLL	SACRAMENTO	62	E	22		64.5-	Y	Y
93686	CRAFTON HILLS COLL	YUCAIPA	16		8		50.0-	Y	Y
93484	CUESTA COLL	SAN LUIS OBISPO	46		70		52.2	Y	N
93724	CUYAMACA COLL	EL CAJON	13		11		15.4-	Y	Y
93485	CYPRESS COLL	CYPRESS	42		52		23.8	Y	Y
93669	D-Q UNIV	DAVIS	0		0			Y	N
93492A	DE ANZA COLL	CUPERTINO	163		194		19.0	Y	Y
93730	DEEP SPRINGS COLL	VIA DYER NV	1		0		100.0-	Y	N
93488	DESERT, COLL OF THE	PALM DESERT	48		31		35.4-	Y	Y
93703	DEVELOPMENTL STUDIES,COLL	LOS ANGELES	0		0			Y	N
93664	DEVRY INST OF TECHNOLOGY	INDUSTRY CITY	48		55		14.6	Y	Y
93483B	DIABLO VALLEY COLL	PLEASANT HILL	75	E	94	E	25.3	Y	N
93489	DOMINICAN COLL SAN RAFAEL	SAN RAFAEL	49		49		0.0	Y	Y
93610	DOMINICAN SCH PHIL & THEO	BERKELEY	4		7		75.0	Y	Y
93684	DON BOSCO TECHNICAL INST	ROSEMEAD	0		0			Y	N
93530A	EAST LOS ANGELES COLL	MONTEREY PARK	232		318		37.1	Y	Y
93490	EL CAMINO COLL	TORRANCE	140		172	E	22.9	Y	Y
93704	EVERGREEN VALLEY COLL	SAN JOSE	27		30		11.1	Y	Y
93710	FASHION INST DSGN MERCH	LOS ANGELES	194		187		3.6-	Y	Y
93590B	FEATHER RIVER COLL	QUINCY	1		0		100.0-	Y	N
93711	FIELDING INST	SANTA BARBARA	13		24		84.6	Y	Y
93492B	FOOTHILL COLL	LOS ALTOS HILLS	197		163		17.3-	Y	Y
93675	FRANCISCAN SCH THEOLOGY	BERKELEY	15		9		40.0-	Y	Y
93647A	FRESNO CITY COLL	FRESNO	146		148		1.4	Y	Y
93569	FRESNO PACIFIC COLL	FRESNO	39		37		5.1-	Y	Y
93493	FULLER THEOLOGICAL SEM	PASADENA	232		363		56.5	Y	Y
93494	FULLERTON COLL	FULLERTON	26		32		23.1	Y	Y
93495	GAVILAN COLL	GILROY	25		22		12.0-	Y	Y
93496	GLENDALE CMTY COLL	GLENDALE	240		267		11.3	Y	Y
93497	GOLDEN GATE BAPT THEO SEM	MILL VALLEY	33		34		3.0	Y	Y
93498	GOLDEN GATE UNIV	SAN FRANCISCO	550		574		4.4	Y	Y
93566A	GOLDEN WEST COLL	HUNTINGTN BEACH	43		67		55.8	Y	Y

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93499	GRADUATE THEOL UNION	BERKELEY	23		28		21.7	Y	Y
93500	GROSSMONT COLL	EL CAJON	184		187		1.6	Y	N
93501	HARTNELL COLL	SALINAS	32		42		31.3	Y	Y
93470B	HARVEY MUDD COLL	CLAREMONT	9		10		11.1	Y	Y
93733	HEALD BUS COLL-RANCH CORD	RANCHO CORDOVA	2			N		N	N
93734	HEALD BUS COLL-SAN FRAN	SAN FRANCISCO	83		48	E	42.2-	Y	Y
93738	HEALD BUSINESS COLL	ROHNERT PARK	0			N		N	N
93502	HEALD COLL TECH DIVISION	SAN FRANCISCO	22		16	E	27.3-	Y	Y
93741	HEALD COLL-HAYWARD	HAYWARD	2		2		0.0	Y	Y
93732	HEALD COLL-MARTINEZ	MARTINEZ	17	L		N		N	N
93742	HEALD COLL-OAKLAND	OAKLAND	5			N		N	N
93736	HEALD COLL-WALNUT CREEK	WALNUT CREEK	4		6		50.0	Y	Y
93731	HEALD FOUR C'S COLL	FRESNO	10		10	L	0.0	Y	N
93735	HEALD INST OF TECHNOLOGY	SAN JOSE	10	E	9		10.0-	Y	Y
93503	HEBREW UNION C CAL BRANCH	LOS ANGELES	1		1		0.0	Y	Y
93504	HOLY NAMES COLL	OAKLAND	105		105	L	0.0	Y	N
93430R	HUMBOLDT STATE UNIV	ARCATA	66		61		7.6-	Y	Y
93506	HUMPHREYS COLL	STOCKTON	3		1		66.7-	Y	Y
93508	IMPERIAL VALLEY COLL	IMPERIAL	31		49		58.1	Y	Y
93665	IRVINE VALLEY COLL	IRVINE	0		15		**	Y	Y
93509	JESUIT SCH OF THEOLOGY	BERKELEY	31		40		29.0	Y	Y
93510	JOHN F KENNEDY UNIV	ORINDA	85	E	138		62.4	Y	Y
93511	JUDAISM, UNIV OF	LOS ANGELES	11		15		36.4	Y	Y
936478	KINGS RIVER CMTY COLL	REEDLEY	6		33		450.0	Y	Y
93514	LA VERNE, UNIV OF	LA VERNE	203		180		11.3-	Y	Y
93676	LAKE TAHOE CMTY COLL	SO LAKE TAHOE	0		0			Y	N
93590D	LANEY COLL	OAKLAND	42		27		35.7-	Y	Y
93515	LASSEN COLL	SUSANVILLE	98		38		61.2-	Y	Y
93516	LINCOLN UNIV	SAN FRANCISCO	226		179		20.8-	Y	Y
93518B	LOMA LINDA U-LA SIERRA	RIVERSIDE	240	E	206		14.2-	Y	Y
93518	LOMA LINDA UNIV	LOMA LINDA	209		188		10.0-	Y	Y
93520	LONG BEACH CITY COLL	LONG BEACH	39		50		28.2	Y	N
93530B	LOS ANG CITY COLL	LOS ANGELES	622		625		0.5	Y	Y
93530C	LOS ANG HARBOR COLL	WILMINGTON	77		111		44.2	Y	Y
93530I	LOS ANG MISSION COLL	SAN FERNANDO	0		0			Y	N
93530D	LOS ANG PIERCE COLL	WOODLAND HILLS	283		276		2.5-	Y	Y
93530E	LOS ANG SOUTHWEST COLL	LOS ANGELES	17		17	L	0.0	Y	N
93530F	LOS ANG TRADE-TECH COLL	LOS ANGELES	64	L	64		0.0	Y	Y
93530G	LOS ANG VALLEY COLL	VAN NUYS	147		171		16.3	Y	Y
93483C	LOS MEDANOS COLL	PITTSBURG	3	E	1		66.7-	Y	Y
93543	LOYOLA MARYMOUNT UNIV	LOS ANGELES	249		225		9.6-	Y	Y
93692	MARYMNT PALOS VERDES COLL	RANCH PLS VERDS	126	E	140		11.1	Y	Y
93521	MASTER'S COLL, THE	NEWHALL	14		22		57.1	Y	Y
93698	MENDOCINO COLL	UKIAH	0		2		**	Y	Y
93546	MENLO COLL	ATHERTON	87	E	72		17.2-	Y	Y
93691	MENNONITE BRTHRN BIB SEM	FRESNO	58		53		8.6-	Y	Y
93547	MERCED COLL	MERCED	67		38		43.3-	Y	Y
93590E	MERRITT COLL	OAKLAND	104	E	69	E	33.7-	Y	Y
93548	MILLS COLL	OAKLAND	82		80		2.4-	Y	Y
93549	MIRA COSTA COLL	OCEANSIDE	7		13		85.7	Y	Y
93656A	MISSION COLL	SANTA CLARA	31		35		12.9	Y	Y
93550	MODESTO JR COLL	MODESTO	51		93		82.4	Y	Y
93551	MONTEREY INST INTL STDIES	MONTEREY	120		134		11.7	Y	Y
93552	MONTEREY PENINSULA COLL	MONTEREY	202		187		7.4-	Y	Y
93554	MOORPARK COLL	MOORPARK	12		25		108.3	Y	Y
93556	MT SAN ANTONIO COLL	WALNUT	235		267		13.6	Y	N
93557	MT SAN JACINTO COLL	SAN JACINTO	8		12		50.0	Y	Y
93555	MT ST MARY'S COLL	LOS ANGELES	21		26		23.8	Y	Y
93559	NAPA VALLEY COLL	NAPA	39		33		15.4-	Y	Y
93696	NATIONAL UNIV	SAN DIEGO	357		395		10.6	Y	Y
93560	NAVAL POSTGRAD SCH	MONTEREY	274		294		7.3	Y	Y
93561	NEW COLL OF CALIFORNIA	SAN FRANCISCO	14	L	10	E	28.6-	Y	N
93562	NORTHROP UNIV	LOS ANGELES	783	E	821		4.9	Y	Y
93563	NOTRE DAME, COLL OF	BELMONT	157		117		25.5-	Y	Y
93564	OCCIDENTAL COLL	LOS ANGELES	70		71		1.4	Y	N
93565	OHLONE COLL	FREMONT	87		90	E	3.4	Y	N
93566B	ORANGE COAST COLL	COSTA MESA	84		93		10.7	Y	Y

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93567	OTIS ART INST OF PARSONS	LOS ANGELES	65	75	15.4	Y	Y
93678	OXNARD COLL	OXNARD	21	27	28.6	Y	Y
93568	PACIFIC CHRISTIAN COLL	FULLERTON	10	17	70.0	Y	Y
93725	PACIFIC GRAD SCH PSYCH	MENLO PARK	2	N		N	N
93571	PACIFIC OAKS COLL	PASADENA	N	5	**	Y	Y
93572	PACIFIC SCH OF RELIGION	BERKELEY	18	20	11.1	Y	Y
93574	PACIFIC UNION COLL	ANGWIN	114 E	110	3.5-	Y	Y
93575	PACIFIC, UNIV OF THE	STOCKTON	317	324	2.2	Y	Y
93576	PALO VERDE COLL	BLYTHE	2	0	100.0-	Y	N
93577	PALOMAR CMTY COLL	SAN MARCOS	83	92	10.8	Y	Y
93578	PASADENA CITY COLL	PASADENA	436	411	5.7-	Y	Y
93683	PATTEN COLL	OAKLAND	9	6	33.3-	Y	Y
93581A	PEPPERDINE UNIV	MALIBU	570 E	600 E	5.3	Y	N
93470C	PITZER COLL	CLAREMONT	18	22	22.2	Y	Y
93579	POINT LOMA NAZARENE COLL	SAN DIEGO	105	112	6.7	Y	Y
93470D	POMONA COLL	CLAREMONT	28	24	14.3-	Y	Y
93600	PORTERVILLE COLL	PORTERVILLE	2	6	200.0	Y	Y
93601	QUEEN OF HOLY ROSARY COLL	MISSION SN JOSE	0 F	0		Y	N
93628	RANCHO SANTIAGO COLL	SANTA ANA	256	284	10.9	Y	Y
93603	RAND GRAD SCH	SANTA MONICA	9	10	11.1	Y	Y
93604	REDLANDS, UNIV OF	REDLANDS	43 E	54 E	25.6	Y	N
93605	REDWOODS, COLL OF THE	EUREKA	24	16	33.3-	Y	N
93606	RIO HONDO COLL	WHITTIER	148	197	33.1	Y	Y
93607	RIVERSIDE CMTY COLL	RIVERSIDE	64	82	28.1	Y	Y
93542C	SACRAMENTO CITY COLL	SACRAMENTO	348	392 E	12.6	Y	Y
93609	SADDLEBACK COLL	MISSION VIEJO	208	74	64.4-	Y	Y
93616	SAN BERNARDINO VLY COLL	SAN BERNARDINO	62 E	60	3.2-	Y	Y
93617A	SAN DIEGO CITY COLL	SAN DIEGO	196	175	10.7-	Y	Y
93617C	SAN DIEGO MESA COLL	SAN DIEGO	96	147	53.1	Y	Y
93617D	SAN DIEGO MIRAMAR COLL	SAN DIEGO	4	7	75.0	Y	Y
93618A	SAN DIEGO SCH OF LAW,U OF	SAN DIEGO	26	22	15.4-	Y	Y
93430M	SAN DIEGO STATE UNIV	SAN DIEGO	643	624	3.0-	Y	Y
93618	SAN DIEGO, UNIV OF	SAN DIEGO	151	167	10.6	Y	Y
93620	SAN FRANCISCO ART INST	SAN FRANCISCO	84	65 E	22.6-	Y	N
93726	SAN FRANCISCO C MORTUARY	SAN FRANCISCO	1	3	200.0	Y	Y
93621	SAN FRANCISCO CONSV MUSIC	SAN FRANCISCO	32	40	25.0	Y	Y
93430D	SAN FRANCISCO STATE UNIV	SAN FRANCISCO	1,295 E	1,135	12.4-	Y	N
93622	SAN FRANCISCO THEOL SEM	SAN ANSELMO	169	141	16.6-	Y	Y
93623	SAN FRANCISCO, UNIV OF	SAN FRANCISCO	885	811	8.4-	Y	Y
93624	SAN JOAQUIN DELTA COLL	STOCKTON	124	113	8.9-	Y	Y
93626	SAN JOSE CITY COLL	SAN JOSE	63	53	15.9-	Y	N
93430P	SAN JOSE STATE UNIV	SAN JOSE	910 E	977 E	7.4	Y	Y
93627B	SAN MATEO, COLL OF	SAN MATEO	158	154	2.5-	Y	Y
93629	SANTA BARBARA CITY COLL	SANTA BARBARA	137	143	4.4	Y	Y
93630	SANTA CLARA UNIV	SANTA CLARA	398	370	7.0-	Y	Y
93631	SANTA MONICA COLL	SANTA MONICA	800	900	12.5	Y	Y
93632	SANTA ROSA JR COLL	SANTA ROSA	252	261	3.6	Y	Y
93722	SAYBROOK INST	SAN FRANCISCO	7	7	0.0	Y	Y
93470E	SCRIPPS COLL	CLAREMONT	15	15	0.0	Y	Y
93634	SEQUOIAS, COLL OF THE	VISALIA	42	40 E	4.8-	Y	Y
93635	SHASTA COLL	REDDING	N	2	**	Y	Y
93636	SIERRA COLL	ROCKLIN	12	34	183.3	Y	N
93637	SIMPSON COLL	SAN FRANCISCO	27	203	651.9	Y	Y
93638	SISKIYOUS, COLL OF THE	WEED	39 E	16	59.0-	Y	Y
93627C	SKYLINE COLL	SAN BRUNO	119	166	39.5	Y	Y
93639	SOLANO CMTY COLL	SUISUN CITY	23 F	19	17.4-	Y	Y
93430S	SONOMA STATE UNIV	ROHNERT PARK	171	187	9.4	Y	Y
93643	SOUTHWESTERN COLL	CHULA VISTA	149	120	19.5-	Y	Y
93611	ST JOHN'S SEM COLL	CAMARILLO	0	1	**	Y	Y
93614	ST JOSEPH'S COLL	MOUNTAIN VIEW	12	12 L	0.0	Y	N
93613	ST MARY'S COLL OF CAL	MORAGA	92	128 E	39.1	Y	Y
93689	ST PATRICK'S SEM	MENLO PARK	12	8	33.3-	Y	Y
93646	STANFORD UNIV	STANFORD	1,976	1,990 E	0.7	Y	Y
93640	STHN CAL COLL	COSTA MESA	42	40 E	4.8-	Y	N
93522	STHN CAL COLL OPTOMETRY	FULLERTON	6	4	33.3-	Y	Y
93642	STHN CAL, UNIV OF	LOS ANGELES	3,767	3,486	7.5-	Y	Y
93649	TAFT COLL	TAFT	5	9	80.0	Y	Y

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93641	THEO AT CLAREMONT, SCH OF	CLAREMONT	26		22		15.4-	Y	Y
93740	THOMAS AQUINAS COLL	SANTA PAULA	25		16		36.0-	Y	Y
93650	US INTERNATIONAL UNIV	SAN DIEGO	504		484		4.0-	Y	Y
93652	VENTURA COLL	VENTURA	12		12		0.0	Y	Y
93653	VICTOR VALLEY COLL	VICTORVILLE	9		12		33.3	Y	Y
93590F	VISTA COLL	BERKELEY	0		0			Y	N
93654A	W COAST U ORANGE CO CTR	ORANGE	47		34		27.7-	Y	Y
93687	WEST COAST CHRISTIAN COLL	FRESNO	20		5		75.0-	Y	N
93654	WEST COAST U MAIN CAMPUS	LOS ANGELES	215		165		23.3-	Y	Y
93655	WEST HILLS COLL	COALINGA	18		26	E	44.4	Y	Y
93530M	WEST LOS ANGELES COLL	CULVER CITY	277		200		27.8-	Y	Y
93705	WEST LOS ANGELES, UNIV OF	LOS ANGELES	2		4		100.0	Y	Y
93656	WEST VALLEY COLL	SARATOGA	117		106		9.4-	Y	Y
93666	WESTMINSTER THEOL SEM	ESCONDIDO	8		11		37.5	Y	Y
93658	WESTMONT COLL	SANTA BARBARA	9		9		0.0	Y	Y
93660	WHITTIER COLL	WHITTIER	85	E	74		12.9-	Y	Y
93661	WOODBURY UNIV	BURBANK	217		180		17.1-	Y	Y
93715	WORLD COLL WEST	PETALUMA	16		14		12.5-	Y	Y
93662	WRIGHT INST	BERKELEY	5		4		20.0-	Y	Y
93706A	WSTN ST UNIV C LAW ORANGE	FULLERTON	5		3		40.0-	Y	Y
93706B	WSTN ST UNIV C LAW SN DGO	SAN DIEGO	0		0			Y	N
93663	YUBA COLL	MARYSVILLE	29		28		3.4-	Y	Y
	TOTAL CALIFORNIA		49,197		49,291		0.2		
	COLORADO								
84400	ADAMS STATE COLL	ALAMOSA	7		12		71.4	Y	Y
84401	AIMS CMTY COLL	GREELEY	21		12		42.9-	Y	Y
84402	ARAPAHOE CMTY COLL	LITTLETON	132		157		18.9	Y	Y
84410	AURORA, CMTY COLL OF	AURORA	6		8		33.3	Y	Y
84446	BETH-EL COLL OF NURSING	COLO SPRINGS			0	F		Y	N
84445	BLAIR JR COLL	COLO SPRINGS	0		0			Y	N
84407	COLORADO BOULDER, UNIV OF	BOULDER	898		938		4.5	Y	Y
84425	COLORADO CHRISTIAN COLL	LAKEWOOD	6		6		0.0	Y	Y
84403	COLORADO COLL	COLO SPRINGS	44		40		9.1-	Y	Y
84407B	COLORADO COLO SPRNG, U OF	COLO SPRINGS	31		21		32.3-	Y	Y
84407C	COLORADO DENVER, UNIV OF	DENVER	202		186	E	7.9-	Y	Y
84407A	COLORADO HLTH SCI CTR, U	DENVER	24		24		0.0	Y	Y
84404A	COLORADO MTN C TIMBERLINE	LEADVILLE	2		2		0.0	Y	Y
84404B	COLORADO MTN COLL SPG VLY	GLENWOOD SPRNGS	8		4		50.0-	Y	Y
84434	COLORADO NORTHWESTERN CC	RANGELY	1		3		200.0	Y	Y
84405	COLORADO SCH OF MINES	GOLDEN	310	E	320		3.2	Y	N
84406	COLORADO STATE UNIV	FORT COLLINS	907		960		5.8	Y	Y
84437	COLORADO TECHNICAL COLL	COLO SPRINGS	40		33		17.5-	Y	Y
84409A	DENVER AURARIA CAM, CC OF	DENVER	257		107	F	58.4-	Y	Y
84408	DENVER CONSV BAPTIST SEM	DENVER	18	E	25		38.9	Y	Y
84411	DENVER, UNIV OF	DENVER	554		550		0.7-	Y	Y
84413	FORT LEWIS COLL	DURANGO	57		50		12.3-	Y	Y
84409B	FRONT RANGE CMTY COLL	WESTMINSTER	30		46		53.3	Y	Y
84414	ILIFF SCH OF THEOLOGY	DENVER	13		11		15.4-	Y	Y
84416	LAMAR CMTY COLL	LAMAR	3		3		0.0	Y	Y
84417	LORETTO HEIGHTS COLL	DENVER	7			C			
84418	MESA STATE COLL	GRAND JUNCTION	100	E	112		12.0	Y	Y
84419	METROPOLITAN STATE COLL	DENVER	167		139	E	16.8-	Y	Y
84433	MORGAN CMTY COLL	FORT MORGAN	1		0		100.0-	Y	N
84444	NAROPA INST	BOULDER	28		24		14.3-	Y	Y
84420	NATL TECHNOLOGICAL UNIV	FORT COLLINS	0			N		N	N
84421	NORTHEASTERN JR COLL	STERLING	2		0		100.0-	Y	N
84422	NORTHERN COLORADO, U OF	GREELEY	157		151		3.8-	Y	Y
84423	OTERO JR COLL	LA JUNTA	3		0		100.0-	Y	N
84442	PARKS JR COLL	DENVER	2		1		50.0-	Y	Y
84412	PIKES PEAK CMTY COLL	COLO SPRINGS	18		15		16.7-	Y	Y
84443	PUEBLO CMTY COLL	PUEBLO	11		5		54.5-	Y	Y
84409C	RED ROCKS CMTY COLL	GOLDEN	95		49		48.4-	Y	Y
84424	REGIS COLL	DENVER	25		21		16.0-	Y	Y
84428	SOUTHERN COLORADO, U OF	PUEBLO	158		142		10.1-	Y	Y

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84427	ST THOMAS THEOL SEM	DENVER	0		0			Y	N
84430	TRINIDAD STATE JR COLL	TRINIDAD	44		46		4.5	Y	Y
84431	US AIR FORCE ACADEMY	COLO SPRINGS	31		38		22.6	Y	Y
84432	WESTERN ST COLL COLORADO	GUNNISON	19		14		26.3-	Y	Y
	TOTAL COLORADO		4,439		4,275		3.7-		
	CONNECTICUT								
16400	ALBERTUS MAGNUS COLL	NEW HAVEN	15	E	19		26.7	Y	Y
16464	ASNUNTUCK CMTY COLL	ENFIELD	0		6		**	Y	Y
16469	BRIARWOOD COLL	SOUTHINGTON	0		0			Y	N
16402	BRIDGEPORT ENGR INST	FAIRFIELD	5		3		40.0-	Y	Y
16403	BRIDGEPORT, UNIV OF	BRIDGEPORT	561		655		16.8	Y	Y
16404	CENTRAL CONN STATE UNIV	NEW BRITAIN	181		195		7.7	Y	Y
16470	CHARTER OAK COLL	FARMINGTON	0		0			Y	N
16406	CONN COLL	NEW LONDON	90		87		3.3-	Y	Y
16410	CONN, UNIV OF	STORRS	650	E	824	E	26.8	Y	Y
16420	EASTERN CONN STATE UNIV	WILLIMANTIC	27		42		55.6	Y	Y
16421	FAIRFIELD UNIV	FAIRFIELD	48		29		39.6-	Y	Y
16422	GREATER HARTFORD CC	HARTFORD	36		37		2.8	Y	N
16468	GREATR NEW HAVN ST TECH C	NORTH HAVEN	3		5		66.7	Y	Y
16423	HARTFORD COLL FOR WOMEN	HARTFORD	20		24		20.0	Y	Y
16446	HARTFORD GRADUATE CENTER	HARTFORD	6		8		33.3	Y	Y
16424	HARTFORD SEM	HARTFORD	0		0			Y	N
16425	HARTFORD STATE TECH COLL	HARTFORD	3		5		66.7	Y	Y
16426	HARTFORD, UNIV OF	WEST HARTFORD	481		466		3.1-	Y	Y
16427	HOLY APOSTLES COLL	CROMWELL	3	E	6		100.0	Y	N
16429	HOUSATONIC REGIONAL CC	BRIDGEPORT	35		38		8.6	Y	Y
16432	MANCHESTER CMTY COLL	MANCHESTER	20		11		45.0-	Y	Y
16434	MATTATUCK CMTY COLL	WATERBURY	23		71		208.7	Y	Y
16435	MIDDLESEX CMTY COLL	MIDDLETOWN	22		20		9.1-	Y	Y
16436	MITCHELL COLL	NEW LONDON	39		42		7.7	Y	Y
16462	MOHEGAN CMTY COLL	NORWICH	5		3		40.0-	Y	Y
16440	NEW HAVEN, UNIV OF	WEST HAVEN	329		273		17.0-	Y	Y
16442	NORWALK CMTY COLL	NORWALK	22		25		13.6	Y	Y
16443	NORWALK STATE TECH COLL	NORWALK	1		4		300.0	Y	Y
16441	NTHWSTN CONN CMTY COLL	WINSTED	4		6		50.0	Y	Y
16444	POST COLL	WATERBURY	16		17		6.3	Y	Y
16465	QUINEBAUG VLY CMTY COLL	DANIELSON	18		15		16.7-	Y	Y
16445	QUINNIPIAC COLL	HAMDEN	5			N		N	N
16447	SACRED HEART UNIV	FAIRFIELD	71	E	65	E	8.5-	Y	Y
16453	SOUTH CENTRAL CMTY COLL	NEW HAVEN	27		41		51.9	Y	Y
16454	SOUTHERN CONN STATE UNIV	NEW HAVEN	126		129		2.4	Y	Y
16448	ST ALPHONSUS COLL	SUFFIELD	3		4		33.3	Y	Y
16450	ST JOSEPH COLL	WEST HARTFORD	5		5		0.0	Y	Y
16455	THAMES VLY STATE TECH C	NORWICH	1		1		0.0	Y	Y
16456	TRINITY COLL	HARTFORD	24		35		45.8	Y	Y
16463	TUNXIS CMTY COLL	FARMINGTON	23	E	11		52.2-	Y	Y
16457	US COAST GUARD ACAD	NEW LONDON	8		10		25.0	Y	Y
16466	WATERBURY ST TECH COLL	WATERBURY	7		4		42.9-	Y	Y
16458	WESLEYAN UNIV	MIDDLETOWN	90	E	72	E	20.0-	Y	Y
16459	WESTERN CONN STATE UNIV	DANBURY	40	E	27		32.5-	Y	Y
16460	YALE UNIV	NEW HAVEN	917	E	1,023		11.6	Y	Y
	TOTAL CONNECTICUT		4,010		4,363		8.8		
	DELAWARE								
51403C	DEL TECH & CC STAN/WLMGTN	WILMINGTON	41		52		26.8	Y	Y
51403B	DEL TECH & CC STHN CAM	GEORGETOWN	7	E		N		N	N
51403	DEL TECH & CC TERRY CAM	DOVER	5		3		40.0-	Y	Y
51402	DELAWARE STATE COLL	DOVER	27		35		29.6	Y	Y
51404	DELAWARE, UNIV OF	NEWARK	723		745		3.0	Y	Y
51406	GOLDEY BEACOM COLL	WILMINGTON	26		43		65.4	Y	Y
51407	WESLEY COLL	DOVER	6		11		83.3	Y	Y
51400	WIDENER UNIV-DE CAMPUS	WILMINGTON	13		4		69.2-	Y	Y

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51408	WILMINGTON COLL	NEW CASTLE	7	N		N	N
	TOTAL DELAWARE		855	893	4.4		
	DISTRICT OF COLUMBIA						
53404	AMERICAN UNIV	WASHINGTON	1,412	1,394	1.3-	Y	Y
53410	CATHOLIC UNIV OF AMERICA	WASHINGTON	544	603	10.8	Y	Y
53445	CORCORAN SCH OF ART	WASHINGTON	18	15	16.7-	Y	Y
53446	DE SALES HALL SCH THEO	WASHINGTON	0	3	**	Y	Y
53417	DIST OF COLUMBIA, UNIV OF	WASHINGTON	1,103	1,176	6.6	Y	Y
53442	DOMINICAN HOUSE OF STDIES	WASHINGTON	2	2	0.0	Y	Y
53418	GALLAUDET COLL	WASHINGTON	200	150 E	25.0-	Y	N
53419	GEORGE WASHINGTON UNIV	WASHINGTON	2,198	2,275	3.5	Y	Y
53420	GEORGETOWN UNIV	WASHINGTON	1,104	1,107	0.3	Y	Y
53421	HOWARD UNIV	WASHINGTON	1,754	1,786	1.8	Y	Y
53434	JHNS HOPKINS SCH ADV INTL	WASHINGTON	143	163	14.0	Y	Y
53427	MOUNT VERNON COLL	WASHINGTON	50	53	6.0	Y	Y
53431	OBLATE COLL	WASHINGTON	6	5	16.7-	Y	Y
53435	SOUTHEASTERN UNIV	WASHINGTON	485 E	250 E	48.5-	Y	N
53436	STRAYER COLL	WASHINGTON	250 E	200	20.0-	Y	N
53438	TRINITY COLL	WASHINGTON	23	22	4.3-	Y	Y
53441	WESLEY THEOLOGICAL SEM	WASHINGTON	6	8	33.3	Y	Y
	TOTAL DISTRICT OF COLUMBIA		9,298	9,212	0.9-		
	FLORIDA						
59488	BAPTIST BIBLE INST	GRACEVILLE	2	4	100.0	Y	Y
59400	BARRY UNIV	MIAMI SHORES	402	423	5.2	Y	Y
59401	BETHUNE COOKMAN COLL	DAYTONA BEACH	92	75	18.5-	Y	Y
59439	BOCA RATON, COLL OF	BOCA RATON	100 E	130	30.0	Y	Y
59403	BREVARD CMTY COLL	COCOA	193	178	7.8-	Y	Y
59404	BROWARD CMTY COLL	FORT LAUDERDALE	530	633	19.4	Y	Y
59405	CENTRAL FLA CMTY COLL	OCALA	7	8	14.3	Y	Y
59420G	CENTRAL FLORIDA, UNIV OF	ORLANDO	324	410	26.5	Y	N
59406	CHIPOLA JR COLL	MARIANNA	2	4	100.0	Y	Y
59472	CLEARWATER CHRISTIAN COLL	CLEARWATER	11	17	54.5	Y	Y
59407	DAYTONA BEACH CMTY COLL	DAYTONA BEACH	340	357	5.0	Y	Y
59408	ECKERD COLL	ST PETERSBURG	119	134	12.6	Y	Y
59409	EDISON CMTY COLL	FORT MYERS	49	59 E	20.4	Y	Y
59410	EDWARD WATERS COLL	JACKSONVILLE	37	35 E	5.4-	Y	N
59411	EMBRY-RIDDLE AERON UNIV	DAYTONA BEACH	367	351	4.4-	Y	Y
59470	FLAGLER COLL	ST AUGUSTINE	26	15	42.3-	Y	Y
59420C	FLORIDA A & M UNIV	TALLAHASSEE	268 E	158 E	41.0-	Y	Y
59420D	FLORIDA ATLANTIC UNIV	BOCA RATON	434	455 E	4.8	Y	Y
59416	FLORIDA CMTY C JACKSONVL	JACKSONVILLE	38	34	10.5-	Y	Y
59413	FLORIDA COLL	TEMPLE TERRACE	7	8	14.3	Y	Y
59415	FLORIDA INST TECHNOLOGY	MELBOURNE	983	970	1.3-	Y	Y
59420E	FLORIDA INTERNATIONAL U	MIAMI	979	1,007	2.9	Y	Y
59417	FLORIDA KEYS CMTY COLL	KEY WEST	3	2	33.3-	Y	Y
59418	FLORIDA MEMORIAL COLL	MIAMI	135 E	135	0.0	Y	N
59419	FLORIDA SOUTHERN COLL	LAKELAND	43	45	4.7	Y	Y
59420F	FLORIDA STATE UNIV	TALLAHASSEE	704	750	6.5	Y	Y
59420	FLORIDA, UNIV OF	GAINESVILLE	1,580 E	1,752 E	10.9	Y	Y
59431	GULF COAST CMTY COLL	PANAMA CITY	14	23	64.3	Y	Y
59432	HILLSBOROUGH CMTY COLL	TAMPA	144	141	2.1-	Y	Y
59433	INDIAN RIVER CMTY COLL	FORT PIERCE	56	60 E	7.1	Y	N
59483	INTL FINE ARTS COLL	MIAMI	115	122	6.1	Y	Y
59434	JACKSONVILLE UNIV	JACKSONVILLE	102 E	99	2.9-	Y	Y
59436	LAKE CITY CMTY COLL	LAKE CITY	27	23 E	14.8-	Y	N
59437	LAKE-SUMTER CMTY COLL	LEESBURG	2	1	50.0-	Y	Y
59438	MANATEE CMTY COLL	BRADENTON	38	48	26.3	Y	Y
59480	MIAMI CHRISTIAN COLL	MIAMI	4	3	25.0-	Y	Y
59440	MIAMI, UNIV OF	CORAL GABLES	1,809	1,828	1.1	Y	Y
59441	MIAMI-DADE CMTY COLL	MIAMI	5,148	5,080	1.3-	Y	Y
59443	NORTH FLORIDA JR COLL	MADISON	1	2	100.0	Y	Y

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59420H	NORTH FLORIDA, UNIV OF	JACKSONVILLE	45	56	24.4	Y	Y
59444	NOVA UNIV	FORT LAUDERDALE	417	347	16.8-	Y	Y
59445	OKALOOSA-WALTON JR COLL	NICEVILLE	2	1	50.0-	Y	Y
59468	PALM BEACH ATLANTIC COLL	W PALM BEACH	35	22	37.1-	Y	Y
59448	PALM BEACH CMTY COLL	LAKE WORTH	180	185	2.8	Y	Y
59466	PASCO-HERNANDO CMTY COLL	DADE CITY	0	0		Y	N
59449	PENSACOLA JR COLL	PENSACOLA	23	19	17.4-	Y	N
59450	POLK CMTY COLL	WINTER HAVEN	17	13 E	23.5-	Y	Y
59475	RINGLING SCH ART & DESIGN	SARASOTA	6 E	10	66.7	Y	Y
59451	ROLLINS COLL	WINTER PARK	70	66	5.7-	Y	Y
59457	SANTA FE CMTY COLL	GAINESVILLE	327	321	1.8-	Y	Y
59458	SEMINOLE CMTY COLL	SANFORD	64 E	89 E	39.1	Y	N
59459	SOUTH FLORIDA CMTY COLL	AVON PARK	0	9 E	**	Y	Y
59420I	SOUTH FLORIDA, UNIV OF	TAMPA	773	706 E	8.7-	Y	Y
59471	ST JOHN VIANNEY COLL SEM	MIAMI	9	3	66.7-	Y	Y
59452	ST JOHN'S RIVER JR COLL	PALATKA	2	4	100.0	Y	Y
59454	ST LEO COLL	SAINT LEO	77	69	10.4-	Y	Y
59456	ST PETERSBURG JR COLL	ST PETERSBURG	101	97	4.0-	Y	Y
59402	ST THOMAS UNIV	MIAMI	174	175	0.6	Y	N
59477	ST VINCENT DE PAUL SEM	BOYNTON BEACH	3	2	33.3-	Y	Y
59461	STETSON UNIV	DELAND	51	61	19.6	Y	N
59462	TALLAHASSEE CMTY COLL	TALLAHASSEE	76	70	7.9-	Y	Y
59463	TAMPA, UNIV OF	TAMPA	77	82	6.5	Y	Y
59464	VALENCIA CMTY COLL	ORLANDO	316	294	7.0-	Y	Y
59478	WARNER SOUTHERN COLL	LAKE WALES	22	12	45.5-	Y	Y
59465	WEBBER COLL	BABSON PARK	21	30	42.9	Y	Y
59420J	WEST FLORIDA, UNIV OF	PENSACOLA	148	165	11.5	Y	Y
	TOTAL FLORIDA		18,271	18,487	1.2		
	GEORGIA						
58400	ABRAHAM BALDWIN AGRL COLL	TIFTON	12	30	150.0	Y	Y
58401	AGNES SCOTT COLL	DECATUR	15	17	13.3	Y	Y
58403	ALBANY STATE COLL	ALBANY	9	3	66.7-	Y	Y
58479	AMERICN COLL APPLIED ARTS	ATLANTA	71	71	0.0	Y	Y
58404	ANDREW COLL	CUTHBERT	40	62	55.0	Y	Y
58405	ARMSTRONG STATE COLL	SAVANNAH	23	23	0.0	Y	N
58476	ART INST OF ATLANTA	ATLANTA	11	16	45.5	Y	Y
58409	ATLANTA COLL OF ART	ATLANTA	7	12	71.4	Y	Y
58467	ATLANTA METROPOLITAN COLL	ATLANTA	117	107	8.5-	Y	N
58410	ATLANTA UNIV	ATLANTA	222	161	27.5-	Y	N
58411	AUGUSTA COLL	AUGUSTA	11	13	18.2	Y	Y
58464	BAINBRIDGE COLL	BAINBRIDGE	1	0	100.0-	Y	N
58477	BAUDER FASHION COLL	ATLANTA	0	2	**	Y	N
58412	BERRY COLL	MOUNT BERRY	25	24	4.0-	Y	Y
58413	BRENAU COLL	GAINESVILLE	7 E	5	28.6-	Y	Y
58414	BREWTON-PARKER COLL	MOUNT VERNON	23	8	65.2-	Y	Y
58415	BRUNSWICK JR COLL	BRUNSWICK	8	9	12.5	Y	Y
58416	CLARK COLL	ATLANTA	45 E	56 E	24.4	Y	Y
58417	CLAYTON STATE COLL	MORROW	10	7	30.0-	Y	Y
58418	COLUMBIA THEOLOGICAL SEM	DECATUR	17	16	5.9-	Y	Y
58419	COLUMBUS COLL	COLUMBUS	57	53	7.0-	Y	Y
58481	COVENANT COLL	LOOKOUT MTN	18	17	5.6-	Y	Y
58420	DALTON COLL	DALTON	2	1	50.0-	Y	Y
58402	DARTON COLL	ALBANY	2	2	0.0	Y	Y
58421	DEKALB COLL	CLARKSTON	148	159	7.4	Y	Y
58480	DEVRY INST OF TECHNOLOGY	ATLANTA	34	30	11.8-	Y	Y
58466	EAST GEORGIA COLL	SWAINSBORO	0	0		Y	N
58422	EMMANUEL COLL	FRANKLN SPRINGS	2	1	50.0-	Y	Y
58423	EMORY UNIV	ATLANTA	334	353	5.7	Y	Y
58463	FLOYD JR COLL	ROME	0	0		Y	N
58424	FORT VALLEY STATE COLL	FORT VALLEY	32	34	6.3	Y	Y
58425	GAINESVILLE COLL	GAINESVILLE	46	51	10.9	Y	Y
58426	GEORGIA COLL	MILLEDGEVILLE	35	53	51.4	Y	Y
58427	GEORGIA INST TECHNOLOGY	ATLANTA	831	817	1.7-	Y	Y
58428	GEORGIA MILITARY COLL	MILLEDGEVILLE	11	6	45.5-	Y	Y

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58429	GEORGIA SOUTHERN COLL	STATESBORO	82		41		50.0-	Y	Y
58430	GEORGIA SOUTHWESTERN COLL	AMERICUS	9		29		222.2	Y	Y
58431	GEORGIA STATE UNIV	ATLANTA	1,136		1,046		7.9-	Y	Y
58432	GEORGIA, UNIV OF	ATHENS	1,123		1,155		2.8	Y	Y
58433	GORDON COLL	BARNESVILLE	1		5		400.0	Y	Y
58434	INTERDENOMINATL THEOL CTR	ATLANTA	21		21		0.0	Y	Y
58436	KENNESAW COLL	MARIETTA	56	E	53		5.4-	Y	Y
58437	LA GRANGE COLL	LA GRANGE	50		64		28.0	Y	Y
58471	LIFE CHIROPRACTIC COLL	MARIETTA	27		33		22.2	Y	Y
58438	MACON JR COLL	MACON	2		1		50.0-	Y	Y
58439	MEDICAL COLL OF GEORGIA	AUGUSTA	23		40		73.9	Y	Y
58440B	MERCER UNIV IN ATLANTA	ATLANTA	282	E	373		32.3	Y	Y
58440	MERCER UNIV MAIN CAMPUS	MACON	300		33		89.0-	Y	N
58440A	MERCER UNIV STHN SCH PHAR	ATLANTA	13		14		7.7	Y	Y
58441	MIDDLE GEORGIA COLL	COCHRAN	6		5		16.7-	Y	Y
58442	MOREHOUSE COLL	ATLANTA	31		50		61.3	Y	N
58478	MOREHOUSE SCH OF MEDICINE	ATLANTA	1		2		100.0	Y	Y
58443	MORRIS BROWN COLL	ATLANTA	251		131		47.8-	Y	Y
58445	NORTH GEORGIA COLL	DAHLONEGA	5		10		100.0	Y	Y
58446	OGLETHORPE UNIV	ATLANTA	57		49		14.0-	Y	Y
58447	PAINE COLL	AUGUSTA	18		16		11.1-	Y	Y
58448	PIEDMONT COLL	DEMOREST	36		35		2.8-	Y	Y
58449	REINHARDT COLL	WALESKA	9		12		33.3	Y	Y
58475	SAVANNAH COLL ART & DSGN	SAVANNAH	11	E	31		181.8	Y	Y
58450	SAVANNAH STATE COLL	SAVANNAH	82		75		9.5-	Y	Y
58451	SHORTER COLL	ROME	11		12		9.1	Y	Y
58469	SOUTH COLL	SAVANNAH	0		0			Y	N
58452	SOUTH GEORGIA COLL	DOUGLAS	22		17		22.7-	Y	Y
58427A	SOUTHERN COLL TECHNOLOGY	MARIETTA	76		92		21.1	Y	Y
58453	SPELMAN COLL	ATLANTA	29		29		0.0	Y	Y
58465	THOMAS COLL	THOMASVILLE	5		13		160.0	Y	Y
58455	TOCCOA FALLS COLL	TOCCOA FALLS	39	E	60	E	53.8	Y	Y
58456	TRUETT MCCONNELL COLL	CLEVELAND	2		0		100.0-	Y	N
58458	VALDOSTA STATE COLL	VALDOSTA	33		32		3.0-	Y	Y
58468	WAYCROSS COLL	WAYCROSS	0		1		**	Y	Y
58459	WESLEYAN COLL	MACON	17		22		29.4	Y	Y
58460	WEST GEORGIA COLL	CARROLLTON	39		40		2.6	Y	Y
58462	YOUNG HARRIS COLL	YOUNG HARRIS	0		0			Y	N
	TOTAL GEORGIA		6,131		5,861		4.4-		
	GUAM								
90401	GUAM CMTY COLL	MARIANA ISLANDS	384		357		7.0-	Y	Y
90400	GUAM, UNIV OF	MANGILAO	145		140	E	3.4-	Y	Y
	TOTAL GUAM		529		497		6.0-		
	HAWAII								
95402	BRIGHAM YOUNG U-HAWAII	LAIE OAHU	794		814		2.5	Y	Y
95401	CHAMINADE U OF HONOLULU	HONOLULU	175		194		10.9	Y	Y
95410A	HAWAII AT HILO, UNIV OF	HILO	100		116	E	16.0	Y	Y
95410	HAWAII AT MANOA, UNIV OF	HONOLULU	1,380		1,807		30.9	Y	Y
95403	HAWAII LOA COLL	KANEOHE	102		102		0.0	Y	N
95404	HAWAII PACIFIC COLL	HONOLULU	975		867		11.1-	Y	Y
95410D	HONOLULU CMTY COLL	HONOLULU	23	E	23	L	0.0	Y	N
95410E	KAPIOLANI CMTY COLL	HONOLULU	42		42	L	0.0	Y	N
95410F	KAUAI CMTY COLL	LIHUE	8		9		12.5	Y	Y
95410G	LEEWARD CMTY COLL	PEARL CITY	20		16		20.0-	Y	Y
95410H	MAUI CMTY COLL	KAHULUI	26		42		61.5	Y	N
95410B	WEST OAHU COLL	PEARL CITY	1		1		0.0	Y	Y
95410J	WINDWARD CMTY COLL	KANEOHE	2		1		50.0-	Y	Y
	TOTAL HAWAII		3,648		4,034		10.6		

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	IDAHO								
82400	BOISE STATE UNIV	BOISE	78		72		7.7-	Y	Y
82408	ESTN IDAHO VCC TECH SCH	IDAHO FALLS	0		0			Y	N
82402	IDAHO STATE UNIV	POCATELLO	130	E	130	L	0.0	Y	N
82401	IDAHO, COLL OF	CALDWELL	14		18		28.6	Y	Y
82403	IDAHO, UNIV OF	MOSCOW	322		402		24.8	Y	Y
82404	LEWIS CLARK STATE COLL	LEWISTON	58		67		15.5	Y	Y
82405	NORTH IDAHO COLL	COEUR D'ALENE	36		29		19.4-	Y	Y
82406	NORTHWEST NAZARENE COLL	NAMPA	13		13	L	0.0	Y	N
82407	RICKS COLL	REXBURG	295		335		13.6	Y	Y
82409	SOUTHERN IDAHO, COLL OF	TWIN FALLS	20		32		60.0	Y	Y
	TOTAL IDAHO		966		1,098		13.7		
	ILLINOIS								
33573	ALFRED ADLER INST CHICAGO	CHICAGO	4		2		50.0-	Y	Y
33404	ART INST CHICAGO, SCH OF	CHICAGO	126		120		4.8-	Y	Y
33405	AUGUSTANA COLL	ROCK ISLAND	54		61		13.0	Y	Y
33406	AURORA UNIV	AURORA	37	E	16		56.8-	Y	Y
33407	BARAT COLL	LAKE FOREST	41		42		2.4	Y	Y
33408	BELLEVILLE AREA COLL	BELLEVILLE	5		6		20.0	Y	Y
33409	BETHANY THEOLOGICAL SEM	OAK BROOK	12		15		25.0	Y	Y
33410A	BLACK HAWK C EAST CAMPUS	KEWANEE	0			N		N	N
33410	BLACK HAWK C QUAD-CITIES	MOLINE	2		9		350.0	Y	Y
33411	BLACKBURN COLL	CARLINVILLE	22		20		9.1-	Y	N
33412	BRADLEY UNIV	PEORIA	243		261		7.4	Y	Y
33413	CARL SANDBURG COLL	GALESBURG	2		6		200.0	Y	Y
33567	CATHOLIC THEOL UNION	CHICAGO	55		47		14.5-	Y	Y
33430H	CHICAGO CITY-WIDE COLL	CHICAGO	16		3		81.3-	Y	Y
33580	CHICAGO SCH OF PROF PSYCH	CHICAGO	4		5		25.0	Y	Y
33420	CHICAGO STATE UNIV	CHICAGO	91		77		15.4-	Y	Y
33423	CHICAGO, UNIV OF	CHICAGO	977	E	1,020		4.4	Y	N
33440	COLUMBIA COLL	CHICAGO	38		52		36.8	Y	Y
33441	CONCORDIA COLL	RIVER FOREST	19		16		15.8-	Y	Y
33445	DANVILLE AREA CMTY COLL	DANVILLE	4		4		0.0	Y	Y
33447	DEPAUL UNIV	CHICAGO	320	E	353		10.3	Y	Y
33448	DEVRY INST TECHNCL-CHCAGO	CHICAGO	99		125		26.3	Y	Y
33442	DEVRY INST TECHNCL-LOMBRD	LOMBARD	6		8		33.3	Y	Y
33449	DUPAGE, COLL OF	GLEN ELLYN	59		64		8.5	Y	Y
33584	EAST-WEST UNIV	CHICAGO	56		46		17.9-	Y	N
33450	EASTERN ILLINOIS UNIV	CHARLESTON	69		72		4.3	Y	Y
33451	ELGIN CMTY COLL	ELGIN	10	E	10	L	0.0	Y	N
33452	ELMHURST COLL	ELMHURST	16		24		50.0	Y	Y
33453	EUREKA COLL	EUREKA	4		2		50.0-	Y	Y
33581	FOREST INST OF PROF PSYCH	WHEELING	3		4		33.3	Y	Y
33569	GARRETT-EVANGELCL THEOL	EVANSTON	28		64		128.6	Y	N
33459	GOVERNORS STATE UNIV	UNIVERSITY PARK	40		30		25.0-	Y	Y
33460	GREENVILLE COLL	GREENVILLE	6		7		16.7	Y	Y
33430A	HARRY S TRUMAN COLL	CHICAGO	242		225	E	7.0-	Y	N
33462	HIGHLAND CMTY COLL	FREEPORT	2		1		50.0-	Y	Y
33578	HLTH SCI-CHGO MED SCH, U	NORTH CHICAGO	24	F	28	E	16.7	Y	Y
33474B	ILL AT CHICAGO, UNIV OF	CHICAGO	1,353	E	1,427		5.5	Y	Y
33463	ILL BENEDICTINE COLL	LISLE	33		33	L	0.0	Y	N
33464	ILL CENTRAL COLL	EAST PEORIA	11		14		27.3	Y	Y
33465	ILL COLL	JACKSONVILLE	4		5		25.0	Y	Y
33466	ILL COLL OF OPTOMETRY	CHICAGO	18		20		11.1	Y	Y
33468B	ILL EASTERN CMTY COLLS	OLNEY	18		29		61.1	Y	Y
33469	ILL INST TECHNOLOGY	CHICAGO	684		703		2.8	Y	Y
33585	ILL SCH PROF PSYCHOLOGY	CHICAGO	4		5		25.0	Y	Y
33473	ILL STATE UNIV	NORMAL	335		315		6.0-	Y	Y
33474	ILL URBANA CAMPUS, U OF	CHAMPAIGN	2,446		2,569		5.0	Y	Y
33475	ILL VALLEY CMTY COLL	OGLESBY	0		0			Y	N
33476	ILL WESLEYAN UNIV	BLOOMINGTON	26		49		88.5	Y	Y
33479	JOHN A LOGAN COLL	CARTERVILLE	7		6	E	14.3-	Y	Y

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33572	JOHN WOOD CMTY COLL	QUINCY	1	3	200.0	Y	Y
33491	JOLIET JR COLL	JOLIET	0	N		N	N
33482	JUDSON COLL	ELGIN	8	3	62.5-	Y	Y
33483	KANKAKEE CMTY COLL	KANKAKEE	2	3 E	50.0	Y	N
33484	KASKASKIA COLL	CENTRALIA	4	2	50.0-	Y	Y
33575	KELLER GRAD SCH MANAGEMNT	CHICAGO	45 L	8	82.2-	Y	N
33485	KENDALL COLL	EVANSTON	16	10	37.5-	Y	Y
33430B	KENNEDY-KING COLL	CHICAGO	53 L	20 E	62.3-	Y	N
33486	KISHWAUKEE COLL	MALTA	9	7	22.2-	Y	Y
33487	KNOX COLL	GALESBURG	68	65	4.4-	Y	Y
33488	LAKE COUNTY, COLL OF	GRAYSLAKE	0	0		Y	N
33489	LAKE FOREST COLL	LAKE FOREST	9	10	11.1	Y	Y
33582	LAKE FOREST SCH MANAGEMNT	LAKE FOREST	0	0		Y	N
33490	LAKE LAND COLL	MATTOON	1	1	0.0	Y	Y
33560	LEWIS & CLARK CMTY COLL	GODFREY	1	3	200.0	Y	Y
33491	LEWIS UNIV	ROMEOVILLE	27	22	18.5-	Y	N
33493	LINCOLN COLL	LINCOLN	1	N		N	N
33494	LINCOLN LAND CMTY COLL	SPRINGFIELD	24	15	37.5-	Y	N
33430C	LOOP COLL, THE	CHICAGO	678	515	24.0-	Y	Y
33495	LOYOLA UNIV OF CHICAGO	CHICAGO	264	292	10.6	Y	Y
33496	LUTHERAN SCH THEO CHICAGO	CHICAGO	23	33	43.5	Y	Y
33497	MACCORMAC COLL	CHICAGO	6	12	100.0	Y	Y
33498	MACMURRAY COLL	JACKSONVILLE	3	2	33.3-	Y	Y
33430D	MALCOLM X COLL	CHICAGO	15	9	40.0-	Y	Y
33499	MALLINCKRODT COLL N SHORE	WILMETTE	28	26	7.1-	Y	Y
33502	MCHENRY COUNTY COLL	CRYSTAL LAKE	0	1	**	Y	Y
33503	MCKENDREE COLL	LEBANON	6	4	33.3-	Y	Y
33586	MENNONITE COLL OF NURSING	BLOOMINGTON	0	0		Y	N
33576	MIDSTATE COLL	PEORIA	4	1	75.0-	Y	Y
33561	MIDWEST COLL ENGINEERING	GLEN ELLYN	0	0		Y	N
33506	MILLIKIN UNIV	DECATUR	5	1	80.0-	Y	Y
33507	MONMOUTH COLL	MONMOUTH	37	36	2.7-	Y	Y
33456	MONTAY COLL	CHICAGO	6	4	33.3-	Y	Y
33509	MORAINE VALLEY CMTY COLL	PALOS HILLS	21	15	28.6-	Y	Y
33510	MORTON COLL	CICERO	0	0		Y	N
33511	MUNDELEIN COLL	CHICAGO	10	8	20.0-	Y	Y
33587	NAES COLL	CHICAGO	1	10	900.0	Y	Y
33583	NATIVE AMERICAN EDUC SERV	CHICAGO	0	N		N	N
33565	NATL COLL OF CHIROPRACTIC	LOMBARD	27	28	3.7	Y	Y
33512	NATL COLL OF EDUCATION	EVANSTON	4	13	225.0	Y	Y
33513	NORTH CENTRAL COLL	NAPERVILLE	10	21	110.0	Y	Y
33514	NORTH PARK C & THEOL SEM	CHICAGO	72	12	83.3-	Y	N
33515	NORTHEASTERN ILLINOIS U	CHICAGO	78	128	64.1	Y	Y
33516	NORTHERN BAPT THEOL SEM	LOMBARD	24	33	37.5	Y	Y
33517	NORTHERN ILLINOIS UNIV	DEKALB	722	749	3.7	Y	Y
33518	NORTHWESTERN UNIV	EVANSTON	961	986	2.6	Y	Y
33558	OAKTON CMTY COLL	DES PLAINES	0	0		Y	N
33430E	OLIVE-HARVEY COLL	CHICAGO	1 E	0	100.0-	Y	N
33519	OLIVET NAZARENE UNIV	KANKAKEE	23	80	247.8	Y	N
33520	PARKLAND COLL	CHAMPAIGN	52	90	73.1	Y	Y
33521	PARKS COLL OF ST LOUIS U	CAHOKIA	100	120	20.0	Y	Y
33522	PRAIRIE STATE COLL	CHICAGO HEIGHTS	2	0	100.0-	Y	N
33524	PRINCIPIA COLL	ELSAH	38	43	13.2	Y	Y
33525	QUINCY COLL	QUINCY	2	6	200.0	Y	Y
33526	REND LAKE COLL	INA	0	0		Y	N
33430F	RICHARD J DALEY COLL	CHICAGO	11 F	11 L	0.0	Y	N
33568	RICHLAND CMTY COLL	DECATUR	2	2	0.0	Y	Y
33527	ROBERT MORRIS COLL	CHICAGO	0	1	**	Y	Y
33528	ROCK VALLEY COLL	ROCKFORD	155	267	72.3	Y	Y
33529	ROCKFORD COLL	ROCKFORD	27	31	14.8	Y	Y
33530	ROOSEVELT UNIV	CHICAGO	644	558	13.4-	Y	Y
33531	ROSARY COLL	RIVER FOREST	33	32	3.0-	Y	Y
33523	RUSH UNIV	CHICAGO	23	29	26.1	Y	N
33536	SANGAMON STATE UNIV	SPRINGFIELD	106	129	21.7	Y	Y
33537	SAUK VALLEY CMTY COLL	DIXON	15	1	93.3-	Y	Y
33538	SEABURY-WESTERN THEOL SEM	EVANSTON	0	2	**	Y	Y
33539	SHAWNEE COLL	ULLIN	0	0		Y	N

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33541	SHIMER COLL	WAUKEGAN	3		1		66.7-	Y	Y
33547	SOUTH SUBURBAN COLL	SOUTH HOLLAND	2		4		100.0	Y	Y
33544	SPERTUS COLL OF JUDAICA	CHICAGO	4	E	2		50.0-	Y	Y
33545	SPOON RIVER COLL	CANTON	6		12		100.0	Y	Y
33546	SPRINGFIELD COLL ILLINOIS	SPRINGFIELD	1		3		200.0	Y	Y
33588	ST AUGUSTINE COLL	CHICAGO	2		4		100.0	Y	Y
33532	ST FRANCIS, COLL OF	JOLIET	2		5		150.0	Y	Y
33535	ST XAVIER COLL	CHICAGO	13		13		0.0	Y	Y
33559	STATE CMTY COLL	E SAINT LOUIS	0		0			Y	N
33542	STHESTN ILLINOIS COLL	HARRISBURG	3		1		66.7-	Y	Y
33543	STHN ILLINOIS U CARBONDL	CARBONDALE	2,203		2,148		2.5-	Y	Y
33543A	STHN ILLINOIS U EDWARDSVL	EDWARDSVILLE	214		240		12.1	Y	Y
33549	TRINITY CHRISTIAN COLL	PALOS HEIGHTS	4		9		125.0	Y	Y
33550	TRINITY COLL	DEERFIELD	11		14		27.3	Y	Y
33562	TRINITY EVANGLCAL DIV SCH	DEERFIELD	82		96		17.1	Y	Y
33551	TRITON COLL	RIVER GROVE	12		10		16.7-	Y	Y
33552	VANDERCOOK COLL OF MUSIC	CHICAGO	4		3		25.0-	Y	Y
33553	WAUBONSEE CMTY COLL	SUGAR GROVE	0		0			Y	N
33589	WEST SUBURBAN COLL NURSNG	OAK PARK	0		0			Y	N
33554	WESTERN ILLINOIS UNIV	MACOMB	594		513		13.6-	Y	Y
33555	WHEATON COLL	WHEATON	60		64		6.7	Y	Y
33430G	WILBUR WRIGHT COLL	CHICAGO	200	E	69		65.5-	Y	N
33556	WM RAINEY HARPER COLL	PALATINE	16		24		50.0	Y	Y
	TOTAL ILLINOIS		15,619		15,768		1.0		
	INDIANA								
32400	ANCILLA COLL	DONALDSON	5		1		80.0-	Y	Y
32401	ANDERSON COLL	ANDERSON	41		40	E	2.4-	Y	N
32402	BALL STATE UNIV	MUNCIE	266		296		11.3	Y	Y
32403	BETHEL COLL	MISHAWAKA	3		5		66.7	Y	Y
32404	BUTLER UNIV	INDIANAPOLIS	17		16		5.9-	Y	Y
32464	CALUMET COLL OF ST JOSEPH	WHITING	0		0			Y	N
32405	CHRISTIAN THEOLOGICAL SEM	INDIANAPOLIS	3		2		33.3-	Y	Y
32473	CONCORDIA THEOLOGICAL SEM	FORT WAYNE	9			N		N	N
32408	DEPAUW UNIV	GREENCASTLE	27		32		18.5	Y	Y
32410	EARLHAM COLL	RICHMOND	26		18		30.8-	Y	Y
32411	EVANSVILLE, UNIV OF	EVANSVILLE	209		155		25.8-	Y	Y
32413	FRANKLIN COLL OF INDIANA	FRANKLIN	8		8		0.0	Y	Y
32471	GOSHEN BIBLICAL SEM	ELKHART	15		10		33.3-	Y	Y
32414	GOSHEN COLL	GOSHEN	70		79		12.9	Y	Y
32415	GRACE COLL	WINONA LAKE	10		14		40.0	Y	Y
32416	HANOVER COLL	HANOVER	20		11		45.0-	Y	Y
32418	HUNTINGTON COLL	HUNTINGTON	31		44		41.9	Y	Y
32440A	IND U PURDUE FORT WAYNE	BLOOMINGTON	17		20		17.6	Y	Y
32440	IND U PURDUE INDIANAPOLIS	BLOOMINGTON	206		235		14.1	Y	Y
32466F	IND VOC TECH C-BLOOMINGTN	BLOOMINGTON		N	2		**	Y	Y
32466E	IND VOC TECH C-FORT WAYNE	FORT WAYNE	7			N		N	N
32466C	IND VOC TECH C-INDPLS	INDIANAPOLIS	17		17	L	0.0	Y	N
32466G	IND VOC TECH C-KOKOMO	KOKOMO	1		0		100.0-	Y	N
32466	IND VOC TECH C-LAFAYETTE	LAFAYETTE	0		1		**	Y	N
32466I	IND VOC TECH C-MUNCIE	MUNCIE	3		1		66.7-	Y	Y
32466J	IND VOC TECH C-NORTHWEST	GARY	2		2		0.0	Y	Y
32466H	IND VOC TECH C-SELLERSBRG	SELLERSBURG	0			N		N	N
32466A	IND VOC TECH C-SOUTH BEND	SOUTH BEND	4	E	2		50.0-	Y	Y
32466K	IND VOC TECH C-SOUTHEAST	MADISON	0		0			Y	N
32466D	IND VOC TECH C-SOUTHWEST	EVANSVILLE	1		0		100.0-	Y	N
32466P	IND VOC TECH C-TERRE HAUT	TERRE HAUTE	0		0			Y	N
32466L	IND VOC TECH C-WHITEWATER	RICHMOND	0		0			Y	N
32421	INDIANA INST TECHNOLOGY	FORT WAYNE	150	E	175	E	16.7	Y	N
32422	INDIANA STATE UNIV	TERRE HAUTE	783		635		18.9-	Y	Y
32430	INDIANA U AT BLOOMINGTON	BLOOMINGTON	1,972		1,990		0.9	Y	Y
32430C	INDIANA U AT KOKOMO	BLOOMINGTON	0		3		**	Y	Y
32430E	INDIANA U AT SOUTH BEND	BLOOMINGTON	24		46		91.7	Y	Y
32430A	INDIANA U EAST	BLOOMINGTON	1		1		0.0	Y	Y
32430D	INDIANA U NORTHWEST	BLOOMINGTON	3		4		33.3	Y	Y

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32430F	INDIANA U SOUTHEAST	BLOOMINGTON	3		4		33.3	Y	Y
32445	INDIANA WESLEYAN UNIV	MARION	27		16		40.7-	Y	Y
32419	INDIANAPOLIS, UNIV OF	INDIANAPOLIS	44		53		20.5	Y	N
32442	MANCHESTER COLL	N MANCHESTER	14		21		50.0	Y	Y
32443	MARIAN COLL	INDIANAPOLIS	23		30	E	30.4	Y	Y
32476	MARTIN CENTER COLL	INDIANAPOLIS	4			N		N	N
32446	MENNONITE BIBLICAL SEM	ELKHART	28		31		10.7	Y	Y
32447	NOTRE DAME, UNIV OF	NOTRE DAME	495		554		11.9	Y	Y
32448	OAKLAND CITY COLL	OAKLAND CITY	1		4		300.0	Y	Y
32450	PURDUE U MAIN CAMPUS	WEST LAFAYETTE	1,950		2,120		8.7	Y	Y
32450C	PURDUE U NORTH CEN CAMPUS	WESTVILLE	0		1		**	Y	Y
32451	ROSE-HULMAN INST OF TECH	TERRE HAUTE	30		40		33.3	Y	Y
32422A	SOUTHERN INDIANA, UNIV OF	EVANSVILLE	51	E	53		3.9	Y	Y
32452	ST FRANCIS COLL	FORT WAYNE	6		4		33.3-	Y	Y
32453	ST JOSEPH'S COLL	RENSSELAER	8		8		0.0	Y	Y
32454	ST MARY OF THE WOODS COLL	ST MARY WOODS	17		12		29.4-	Y	Y
32455	ST MARY'S COLL	NOTRE DAME	18		24		33.3	Y	Y
32472	ST MEINRAD COLL	SAINT MEINRAD	9		8		11.1-	Y	Y
32456	ST MEINRAD SCH THEOLOGY	SAINT MEINRAD	1		1		0.0	Y	Y
32457	TAYLOR UNIV	UPLAND	25		22		12.0-	Y	Y
32458	TRI-STATE UNIV	ANGOLA	188		159		15.4-	Y	Y
32460	VALPARAISO UNIV	VALPARAISO	66		56		15.2-	Y	Y
32461	VINCENNES UNIV	VINCENNES	110		135		22.7	Y	N
32462	WABASH COLL	CRAWFORDSVILLE	19		18		5.3-	Y	Y
	TOTAL INDIANA		7,088		7,239		2.1		
	IOWA								
42460	AMERICAN INST OF BUSINESS	DES MOINES	0		1		**	Y	Y
42402	BRIAR CLIFF COLL	SIOUX CITY	7		9		28.6	Y	Y
42403	BUENA VISTA COLL	STORM LAKE	6		6		0.0	Y	Y
42404	CENTRAL COLL OF IOWA	PELLA	30		28		6.7-	Y	Y
42405	CLARKE COLL	DUBUQUE	7		6		14.3-	Y	Y
42413A	CLINTON CMTY COLL	CLINTON	0			N		N	N
42406	COE COLL	CEDAR RAPIDS	141		143		1.4	Y	Y
42407	CORNELL COLL	MOUNT VERNON	35		24		31.4-	Y	Y
42408A	DES MOINES AREA CMTY COLL	ANKENY	39		31		20.5-	Y	N
42409	DIVINE WORD COLL	EPWORTH	13		10		23.1-	Y	Y
42410	DORDT COLL	SIOUX CENTER	104		121	E	16.3	Y	Y
42411	DRAKE UNIV	DES MOINES	158		155		1.9-	Y	Y
42412A	DUBUQUE THEO SEM, UNIV OF	DUBUQUE	2		4		100.0	Y	Y
42412	DUBUQUE, UNIV OF	DUBUQUE	79	E	77		2.5-	Y	Y
42414	ELLSWORTH CMTY COLL	IOWA FALLS	4		5		25.0	Y	Y
42415	GRACELAND COLL	LAMONI	48		42		12.5-	Y	Y
42416	GRAND VIEW COLL	DES MOINES	79		39		50.6-	Y	Y
42417	GRINNELL COLL	GRINNELL	64		68		6.3	Y	Y
42452	HAWKEYE INST TECHNOLOGY	WATERLOO	4		1		75.0-	Y	Y
42418A	INDIAN HILLS CMTY COLL	OTTUMWA	1		2		100.0	Y	Y
42419B	IOWA CENTRAL CMTY COLL	FORT DODGE	14		18		28.6	Y	Y
42420A	IOWA LAKES CMTY COLL	ESTHERVILLE	0		3		**	Y	Y
42421	IOWA STATE UNIV	AMES	2,044		2,045		0.0	Y	Y
42423	IOWA WESLEYAN COLL	MOUNT PLEASANT	2		17		750.0	Y	Y
42424	IOWA WESTERN CMTY COLL	COUNCIL BLUFFS	5		4		20.0-	Y	Y
42422	IOWA, UNIV OF	IOWA CITY	1,888		1,937		2.6	Y	Y
42425	KIRKWOOD CMTY COLL	CEDAR RAPIDS	138	E	170	E	23.2	Y	Y
42426	LORAS COLL	DUBUQUE	41		40		2.4-	Y	Y
42427	LUTHER COLL	DECORAH	56		66		17.9	Y	Y
42459	MAHARISHI INTERNATL UNIV	FAIRFIELD	299		303	E	1.3	Y	Y
42428	MARSHALLTOWN CMTY COLL	MARSHALLTOWN	5		11		120.0	Y	Y
42429	MARYCREST COLL	DAVENPORT	16	E	18		12.5	Y	N
42430	MORNINGSIDE COLL	SIOUX CITY	42		18		57.1-	Y	Y
42431	MOUNT MERCY COLL	CEDAR RAPIDS	10		10		0.0	Y	Y
42433	MOUNT ST CLARE COLL	CLINTON	5		5		0.0	Y	Y
42413B	MUSCATINE CMTY COLL	MUSCATINE	1		18		700.0	Y	Y
42434	NORTH IOWA AREA CMTY COLL	MASON CITY	7		3		57.1-	Y	Y
42454	NORTHEAST IOWA TECH INST	CALMAR	0			N		N	N

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42435	NORTHERN IOWA, UNIV OF	CEDAR FALLS	123		151		22.8	Y	Y
42461	NORTHWEST IOWA TECH COLL	SHELDON	0		0			Y	N
42436	NORTHWESTERN COLL	ORANGE CITY	27		34		25.9	Y	Y
42458	PALMER COLL CHIROPRACTIC	DAVENPORT	165		161		2.4-	Y	Y
42413C	SCOTT CMTY COLL	BETTENDORF	12		29		141.7	Y	Y
42441	SIMPSON COLL	INDIANOLA	2		3		50.0	Y	Y
42443A	SOUTHEASTERN CC BURLINGTN	W BURLINGTON	14	E	12	E	14.3-	Y	Y
42443B	SOUTHEASTERN CC KEOKUK	KEOKUK	0		0			Y	N
42444	SOUTHWESTERN CMTY COLL	CRESTON	3		6		100.0	Y	Y
42440	ST AMBROSE UNIV	DAVENPORT	9		10		11.1	Y	Y
42445	UPPER IOWA UNIV	FAYETTE	0		0			Y	N
42447	WALDORF COLL	FOREST CITY	11		16		45.5	Y	Y
42448	WARTBURG COLL	WAVERLY	55		61		10.9	Y	Y
42449	WARTBURG THEOLOGICAL SEM	DUBUQUE	17		14		17.6-	Y	Y
42457	WESTERN IOWA TECH	SIOUX CITY	0		2		**	Y	Y
42450	WESTMAR COLL	LE MARS	11		8		27.3-	Y	Y
42451	WILLIAM PENN COLL	OSKALOOSA	12		6		50.0-	Y	Y
	TOTAL IOWA		5,855		5,971		2.0		
	KANSAS								
47400	ALLEN COUNTY CMTY COLL	IOLA	2		4		100.0	Y	Y
47401	BAKER UNIV	BALDWIN CITY	20		16		20.0-	Y	Y
47402	BARTON COUNTY CMTY COLL	GREAT BEND	1		4	E	300.0	Y	Y
47403	BENEDICTINE COLL	ATCHISON	17		13		23.5-	Y	Y
47404	BETHANY COLL	LINDSBORG	13		18		38.5	Y	Y
47405	BETHEL COLL	NORTH NEWTON	31		29		6.5-	Y	Y
47455	BROWN MACKIE COLL, THE	SOUTH SANTA FE	0	F	0			Y	N
47406	BUTLER COUNTY CMTY COLL	EL DORADO	63		68		7.9	Y	Y
47407	CENTRAL BAPTIST THEOL SEM	KANSAS CITY	1		1		0.0	Y	Y
47408	CENTRAL COLL	MCPHERSON	4		2		50.0-	Y	Y
47409	CLOUD COUNTY CMTY COLL	CONCORDIA	3		1		66.7-	Y	Y
47410	COFFEYVILLE CMTY COLL	COFFEYVILLE	49		56		14.3	Y	Y
47411	COLBY CMTY COLL	COLBY	4		4		0.0	Y	Y
47412	COWLEY COUNTY CMTY COLL	ARKANSAS CITY	0		1		**	Y	Y
47413	DODGE CITY CMTY COLL	DODGE CITY	1			N		N	N
47414	DONNELLY COLL	KANSAS CITY	149	E	146		2.0-	Y	Y
47429	EMPORIA STATE UNIV	EMPORIA	233		239		2.6	Y	Y
47416	FORT HAYS STATE UNIV	HAYS	74		76		2.7	Y	Y
47417	FORT SCOTT CMTY COLL	FORT SCOTT	18		1		94.4-	Y	Y
47419	FRIENDS UNIV	WICHITA	48		42		12.5-	Y	Y
47420	GARDEN CITY CMTY COLL	GARDEN CITY	4		2		50.0-	Y	N
47422	HESSTON COLL	HESSTON	34		41		20.6	Y	Y
47423	HIGHLAND CMTY COLL	HIGHLAND	0		0			Y	N
47424	HUTCHINSON CMTY COLL	HUTCHINSON	22		39		77.3	Y	Y
47425	INDEPENDENCE CMTY COLL	INDEPENDENCE	11		6		45.5-	Y	Y
47426	JOHNSON COUNTY CMTY COLL	OVERLAND PARK	34		31		8.8-	Y	Y
47427	KANSAS CITY KANSAS CC	KANSAS CITY	9		15		66.7	Y	Y
47431A	KANSAS MEDICAL CTR, U OF	KANSAS CITY	48		58		20.8	Y	Y
47442	KANSAS NEWMAN COLL	WICHITA	8		12		50.0	Y	Y
47430	KANSAS STATE UNIV	MANHATTAN	963		989		2.7	Y	Y
47453	KANSAS TECHNICAL INST	SALINA	0		1		**	Y	N
47432	KANSAS WESLEYAN UNIV	SALINA	4		5		25.0	Y	Y
47431	KANSAS, UNIV OF	LAWRENCE	1,747		1,762		0.9	Y	Y
47433	LABETTE CMTY COLL	PARSONS	5		9		80.0	Y	Y
47435	MARYMOUNT COLL	SALINA	2		4		100.0	Y	Y
47436	MCPHERSON COLL	MCPHERSON	8		15		87.5	Y	Y
47437	MID AMERICA NAZARENE COLL	OLATHE	48		55	E	14.6	Y	Y
47439	NEOSHO COUNTY CMTY COLL	CHANUTE	0		4		**	Y	Y
47440	OTTAWA UNIV-OTTAWA CAMPUS	OTTAWA	38		51		34.2	Y	Y
47428	PITTSBURG STATE UNIV	PITTSBURG	332		332		0.0	Y	Y
47441	PRATT CMTY COLL	PRATT	0		1		**	Y	Y
47446	SEWARD COUNTY CMTY COLL	LIBERAL	29		27		6.9-	Y	Y
47447	SOUTHWESTERN COLL	WINFIELD	3		3		0.0	Y	Y
47444	ST MARY COLL	LEAVENWORTH	22		23		4.5	Y	Y
47445	ST MARY PLAINS CCLL	DODGE CITY	6		29		383.3	Y	N

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47448	STERLING COLL	STERLING	6	7	16.7	Y	N
47449	TABOR COLL	HILLSBORO	11	8	27.3-	Y	Y
47454	US ARMY COMND GEN STAFF C	FT LEAVENWORTH	120	106	11.7-	Y	Y
47450	WASHBURN UNIV OF TOPEKA	TOPEKA	53 E	75	41.5	Y	N
47451	WICHITA STATE UNIV	WICHITA	856	989	15.5	Y	Y
	TOTAL KANSAS		5,154	5,420	5.2		
	KENTUCKY						
61400	ALICE LLOYD COLL	PIPPA PASSES	0	0		Y	N
61401	ASBURY COLL	WILMORE	27	14	48.1-	Y	Y
61402	ASBURY THEOLOGICAL SEM	WILMORE	35	37	5.7	Y	Y
61420B	ASHLAND CMTY COLL	ASHLAND	0	1	**	Y	Y
61403	BELLARMINE COLL	LOUISVILLE	13	20 E	53.8	Y	N
61404	BEREA COLL	BEREA	85	82	3.5-	Y	Y
61405	BRESCIA COLL	OWENSBORO	15	6	60.0-	Y	Y
61406	CAMPBELLSVILLE COLL	CAMPBELLSVILLE	17	15	11.8-	Y	Y
61407	CENTRE COLL	DANVILLE	9	5	44.4-	Y	Y
61408	CUMBERLAND COLL	WILLIAMSBURG	60	66	10.0	Y	Y
61409	EASTERN KENTUCKY UNIV	RICHMOND	119	144	21.0	Y	Y
61420C	ELIZABETHTOWN CMTY COLL	ELIZABETHTOWN	2	2	0.0	Y	Y
61410	GEORGETOWN COLL	GEORGETOWN	6	8	33.3	Y	Y
61420E	HAZARD CMTY COLL	HAZARD	0	0		Y	N
61420F	HENDERSON CMTY COLL	HENDERSON	0	0		Y	N
61420G	HOPKINSVILLE CMTY COLL	HOPKINSVILLE	0	0		Y	N
61420H	JEFFERSON CMTY COLL	LOUISVILLE	50 E	90 E	80.0	Y	Y
61411	KENTUCKY CHRISTIAN COLL	GRAYSON	4	N		N	N
61412	KENTUCKY STATE UNIV	FRANKFORT	20	34	70.0	Y	N
61430	KENTUCKY WESLEYAN COLL	OWENSBORO	13	10	23.1-	Y	Y
61420	KENTUCKY, UNIV OF	LEXINGTON	654	721	10.2	Y	Y
61431	LEES JR COLL	JACKSON	0	9	**	Y	Y
61420D	LEXINGTON CMTY COLL	LEXINGTON	2	5	150.0	Y	Y
61432	LEXINGTON THEOLOGICAL SEM	LEXINGTON	2	3	50.0	Y	Y
61433	LINDSEY WILSON COLL	COLUMBIA	6	7	16.7	Y	Y
61435	LOUISVILLE, UNIV OF	LOUISVILLE	344	408	18.6	Y	Y
61434	LOUISVL PRESB THEOL SEM	LOUISVILLE	5	5	0.0	Y	Y
61420I	MADISONVILLE CMTY COLL	MADISONVILLE	0	2	**	Y	Y
61420J	MAYSVILLE CMTY COLL	MAYSVILLE	0	0		Y	N
61458	MID-CONTINENT BAPTIST C	MAYFIELD		3 F	**	Y	Y
61436	MIDWAY COLL	MIDWAY	10 E	84	740.0	Y	Y
61437	MOREHEAD STATE UNIV	MOREHEAD	53 E	65	22.6	Y	Y
61438	MURRAY STATE UNIV	MURRAY	98	108	10.2	Y	N
61439	NORTHERN KENTUCKY UNIV	HIGHLAND HTS	68 E	70	2.9	Y	Y
61420K	PADUCAH CMTY COLL	PADUCAH	0	1	**	Y	Y
61440	PIKEVILLE COLL	PIKEVILLE	1	N		N	N
61420L	PRESTONBURG CMTY COLL	PRESTONBURG	1	2	100.0	Y	Y
61420M	SOMERSET CMTY COLL	SOMERSET	2	2	0.0	Y	Y
61420N	SOUTHEAST CMTY COLL	CUMBERLAND	0	2	**	Y	Y
61444	SOUTHERN BAPT THEOL SEM	LOUISVILLE	71	80 E	12.7	Y	Y
61445	SPALDING UNIV	LOUISVILLE	6	7	16.7	Y	Y
61441	ST CATHARINE COLL	SAINT CATHARINE	23	10	56.5-	Y	Y
61446	SUE BENNETT COLL	LONDON	2	1	50.0-	Y	Y
61454	SULLIVAN JR COLL BUSINESS	LOUISVILLE	13	1	92.3-	Y	Y
61447	THOMAS MORE COLL	CRESTVIEW HILLS	23 L	10	56.5-	Y	N
61448	TRANSYLVANIA UNIV	LEXINGTON	10	12	20.0	Y	Y
61449	UNION COLL	BARBOURVILLE	7	8	14.3	Y	Y
61453	WATTERSON COLL	LOUISVILLE	1	0	100.0-	Y	N
61450	WESTERN KENTUCKY UNIV	BOWLING GREEN	147	152	3.4	Y	Y
	TOTAL KENTUCKY		2,024	2,312	14.2		
	LOUISIANA						
72438	BOSSIER PARISH CMTY COLL	BOSSIER CITY	2	0	100.0-	Y	N
72400	CENTENARY COLL LOUISIANA	SHREVEPORT	17	15	11.8-	Y	Y
72402	DELGADO CMTY COLL	NEW ORLEANS	150 E	150 E	0.0	Y	Y

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72403	DILLARD UNIV	NEW ORLEANS	20		24		20.0	Y	N
72404	GRAMBLING STATE UNIV	GRAMBLING	210		140		33.3-	Y	N
72410C	LA STATE U ALEXANDRIA	ALEXANDRIA	2		1		50.0-	Y	Y
72410	LA STATE U BATON ROUGE	BATON ROUGE	1,524		1,167	E	23.4-	Y	Y
72410D	LA STATE U EUNICE	EUNICE	1		2		100.0	Y	N
72410F	LA STATE U SHREVEPORT	SHREVEPORT	6		9		50.0	Y	Y
72420	LA TECH UNIV	RUSTON	354		292		17.5-	Y	Y
72405	LOUISIANA COLL	PINEVILLE	10		13		30.0	Y	Y
72421	LOYOLA U IN NEW ORLEANS	NEW ORLEANS	198	E	178		10.1-	Y	Y
72422	MCNEESE STATE UNIV	LAKE CHARLES	101		115		13.9	Y	Y
72424	NEW ORLEANS BAPT THEO SEM	NEW ORLEANS	6		8		33.3	Y	Y
72410E	NEW ORLEANS, UNIV OF	NEW ORLEANS	338	E	336		0.6-	Y	N
72425	NICHOLLS STATE UNIV	THIBODAUX	34		25		26.5-	Y	Y
72426	NORTHEAST LOUISIANA UNIV	MONROE	332		310		6.6-	Y	Y
72428	NOTRE DAME SEM SCH THEO	NEW ORLEANS	10		9		10.0-	Y	Y
72427	NTHWSTN STATE UNIV OF LA	NATCHITOCHES	80	E	40		50.0-	Y	Y
72429	OUR LADY HOLY CROSS COLL	NEW ORLEANS	3		2		33.3-	Y	Y
72437	ST BERNARD PARISH CC	CHALMETTE	0		0			Y	N
72430	ST JOSEPH SEM COLL	SAINT BENEDICT	0		0			Y	N
72432	STHESTN LOUISIANA UNIV	HAMMOND	87		79		9.2-	Y	Y
72433	STHN U A&M COLL MAIN CAM	BATON ROUGE	573		1,100	E	92.0	Y	N
72433A	STHN U NEW ORLEANS CAM	NEW ORLEANS	132		97		26.5-	Y	Y
72433B	STHN U SHREVEPORT-BOSSIER	SHREVEPORT	1		0		100.0-	Y	N
72434	STHWSTN LOUISIANA, U OF	LAFAYETTE	1,322		997		24.6-	Y	Y
72435	TULANE UNIV OF LOUISIANA	NEW ORLEANS	529	E	534	E	0.9	Y	Y
72436	XAVIER UNIV OF LOUISIANA	NEW ORLEANS	72		86		19.4	Y	Y
	TOTAL LOUISIANA		6,114		5,729		6.3-		
	MAINE								
11428	ATLANTIC, COLL OF THE	BAR HARBOR	2		5		150.0	Y	Y
11401	BANGOR THEOLOGICAL SEM	BANGOR	0		1		**	Y	Y
11402	BATES COLL	LEWISTON	50		54		8.0	Y	Y
11429	BEAL COLL	BANGOR	5		3		40.0-	Y	Y
11404	BOWDOIN COLL	BRUNSWICK	28		20		28.6-	Y	Y
11437	CENTRAL MAINE VOC TECH	AUBURN	1		1		0.0	Y	Y
11438	CNTRL MAINE MED CTR NRSNG	LEWISTON	0		0			Y	N
11405	COLBY COLL	WATERVILLE	31		33		6.5	Y	Y
11430	ESTN MAINE VOC TECH INST	BANGOR	0		1		**	Y	Y
11406	HUSSON COLL	BANGOR	55		53		3.6-	Y	Y
11439	KENNEBEC VLY VOC TECH	FAIRFIELD	0		1		**	Y	Y
11410A	MAINE AT AUGUSTA, UNIV OF	AUGUSTA	0		3		**	Y	Y
11410C	MAINE AT FARMINGTON, U OF	FARMINGTON	4		1	E	75.0-	Y	N
11410D	MAINE AT FORT KENT, U OF	FORT KENT	30		27		10.0-	Y	Y
11410E	MAINE AT MACHIAS, UNIV OF	MACHIAS	12		17		41.7	Y	Y
11410H	MAINE AT PRESQUE ISLE, U	PRESQUE ISLE	80		53		33.8-	Y	Y
11408	MAINE MARITIME ACAD	CASTINE	23	E	28		21.7	Y	Y
11410	MAINE, UNIV OF	ORONO	207		296		43.0	Y	Y
11423	NEW ENGLAND, UNIV OF	BIDDEFORD	8	E	11	E	37.5	Y	Y
11433	NTHN MAINE VOC TECH INST	PRESQUE ISLE	6	E	24		300.0	Y	Y
11432	PORTLAND SCH OF ART	PORTLAND	1		1		0.0	Y	Y
11424	ST JOSEPH'S COLL	WINDHAM	3		3		0.0	Y	Y
11431	STHN MAINE VOC TECH INST	S PORTLAND	3	E	2		33.3-	Y	Y
11410G	STHN MAINE, UNIV OF	PORTLAND	37		48		29.7	Y	Y
11425	THOMAS COLL	WATERVILLE	7		6		14.3-	Y	Y
11427	UNITY COLL	UNITY	1		4		300.0	Y	Y
11426	WESTBROOK COLL	PORTLAND	21		17		19.0-	Y	Y
	TOTAL MAINE		615		713		15.9		
	MARYLAND								
52400	ALLEGANY CMTY COLL	CUMBERLAND	3	E	2		33.3-	Y	Y
52402	ANNE ARUNDEL CMTY COLL	ARNOLD	18		23		27.8	Y	Y
52406	BALTIMORE HEBREW COLL	BALTIMORE	0		8		**	Y	Y
52405	BALTIMORE, CMTY COLL OF	BALTIMORE	250	E	241		3.6-	Y	Y

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52407	BALTIMORE, UNIV OF	BALTIMORE	93	105	12.9	Y	Y
52408	BOWIE STATE COLL	BOWIE	165 E	167	1.2	Y	N
52409	CAPITOL COLL	LAUREL	26	28 E	7.7	Y	Y
52411	CATONSVILLE CMTY COLL	CATONSVILLE	25 E	50 E	100.0	Y	Y
52455	CECIL CMTY COLL	NORTH EAST	0	0		Y	N
52412	CHARLES COUNTY CMTY COLL	LA PLATA	1	N		N	N
52413	CHESAPEAKE COLL	WYE MILLS	2	2	0.0	Y	Y
52414	COLUMBIA UNION COLL	TAKOMA PARK	46	43	6.5-	Y	Y
52415	COPPIN STATE COLL	BALTIMORE	164	141 E	14.0-	Y	N
52416	DUNDALK CMTY COLL	BALTIMORE	4	3	25.0-	Y	Y
52417	ESSEX CMTY COLL	BALT COUNTY	37	54	45.9	Y	Y
52418	FREDERICK CMTY COLL	FREDERICK	2	2	0.0	Y	Y
52419	FROSTBURG STATE UNIV	FROSTBURG	11 E	9	18.2-	Y	Y
52451	GARRETT CMTY COLL	MCHENRY	0	0		N	N
52420	GOUCHER COLL	BALTIMORE	9	14	55.6	Y	Y
52421	HAGERSTOWN JR COLL	HAGERSTOWN	3	2	33.3-	Y	Y
52422	HARFORD CMTY COLL	BEL AIR	2	1	50.0-	Y	Y
52424	HOOD COLL	FREDERICK	30	41	36.7	Y	Y
52454	HOWARD CMTY COLL	COLUMBIA	12	19	58.3	Y	Y
52426	JOHNS HOPKINS UNIV	BALTIMORE	421	443	5.2	Y	Y
52427	LOYOLA COLL	BALTIMORE	36	26	27.8-	Y	Y
52429B	MARYLAND AT BALTIMORE, U	BALTIMORE	124	124	0.0	Y	Y
52429C	MARYLAND BALTIMORE CO, U	BALTIMORE	212	227	7.1	Y	Y
52429	MARYLAND COLLEGE PARK, U	COLLEGE PARK	2,239	2,352	5.0	Y	Y
52429D	MARYLAND EASTERN SHORE, U	PRINCESS ANNE	68	73	7.4	Y	Y
52428	MARYLAND INST COLL OF ART	BALTIMORE	25	42	68.0	Y	Y
52429E	MARYLAND UNIV COLL, U OF	COLLEGE PARK	178	737 E	314.0	Y	N
52431C	MONTGOMERY C GERMANTOWN	GERMANTOWN	29	31	6.9	Y	Y
52431A	MONTGOMERY C ROCKVILLE	ROCKVILLE	841	911	8.3	Y	Y
52431B	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	273	340	24.5	Y	Y
52432	MORGAN STATE UNIV	BALTIMORE	348	280	19.5-	Y	Y
52434	MOUNT ST MARY'S COLL	EMMITSBURG	25	12	52.0-	Y	Y
52436	NOTRE DAME MD, COLL OF	BALTIMORE	53	34 E	35.8-	Y	Y
52437	PEABODY I JOHNS HOPKINS U	BALTIMORE	59	74	25.4	Y	Y
52438	PRINCE GEORGE'S CMTY COLL	LARGO	175	135	22.9-	Y	Y
52444	SALISBURY STATE UNIV	SALISBURY	22	24	9.1	Y	Y
52460	SOJOURNER-DOUGLAS COLL	BALTIMORE	11 L	N		N	N
52440	ST JOHN'S COLL MAIN CAM	ANNAPOLIS	9	8	11.1-	Y	Y
52442	ST MARY'S COLL MARYLAND	ST MARY'S CITY	4	8	100.0	Y	Y
52443	ST MARY'S SEM UNIV	BALTIMORE	0	2	**	Y	Y
52445	TOWSON STATE UNIV	TOWSON	237 E	207	12.7-	Y	Y
52446	US NAVAL ACAD	ANNAPOLIS	32	32	0.0	Y	Y
52447	VILLA JULIE COLL	STEVENSON	0	0		Y	N
52449	WASHINGTON COLL	CHESTERTOWN	21	17	19.0-	Y	Y
52453	WASHINGTON THEOL UNION	SILVER SPRING	16	4	75.0-	Y	Y
52450	WESTERN MARYLAND COLL	WESTMINSTER	25	20	20.0-	Y	Y
52458	WOR-WIC TECH CMTY COLL	SALISBURY	0	0		Y	N
	TOTAL MARYLAND		6,386	7,118	11.5		
	MASSACHUSETTS						
14401	AMERICAN INTERNATL COLL	SPRINGFIELD	94	80	14.9-	Y	Y
14402	AMHERST COLL	AMHERST	45	48	6.7	Y	Y
14403	ANDOVER NEWTON THEOL SCH	NEWTON CENTRE	11	11 L	0.0	Y	N
14405	ANNA MARIA COLL	PAXTON	15	31 E	106.7	Y	Y
14537	AQUINAS JR COLL AT MILTON	MILTON	0	0		Y	N
14537A	AQUINAS JR COLL AT NEWTON	NEWTON	2	1	50.0-	Y	Y
14554	ARTHUR LITTLE MGT ED INST	CAMBRIDGE	125	143	14.4	Y	Y
14406	ASSUMPTION COLL	WORCESTER	18	16	11.1-	Y	Y
14407	ATLANTIC UNION COLL	S LANCASTER	119	126	5.9	Y	Y
14409	BABSON COLL	BABSON PARK	136 E	236	73.5	Y	Y
14410	BAY PATH JR COLL	LONGMEADOW	5	2	60.0-	Y	Y
14541	BAY STATE JR COLL	BOSTON	12 E	12 E	0.0	Y	N
14450	BECKER JR COLL LEICESTER	LEICESTER		36 F	**	Y	Y
14411	BECKER JR COLL WORCESTER	WORCESTER	3	10	233.3	Y	Y
14413	BENTLEY COLL	WALTHAM	200	224	12.0	Y	Y

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NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
14540	BERKLEE COLL OF MUSIC	BOSTON	572		617		7.9	Y	Y
14460A	BERKSHIRE CMTY COLL	PITTSFIELD	49		56		14.3	Y	Y
14419	BOSTON COLL	CHESTNUT HILL	434		466		7.4	Y	Y
14420	BOSTON CONSERV OF MUSIC	BOSTON	23		24		4.3	Y	N
14421	BOSTON UNIV	BOSTON	2,641		2,940		11.3	Y	Y
14422	BRADFORD COLL	BRADFORD	36		48		33.3	Y	Y
14423	BRANDEIS UNIV	WALTHAM	379		392		3.4	Y	Y
14480B	BRIDGEWATER STATE COLL	BRIDGEWATER	47		46		2.1-	Y	Y
14460B	BRISTOL CMTY COLL	FALL RIVER	35		34		2.9-	Y	Y
14460N	BUNKER HILL CMTY COLL	BOSTON	851		723		15.0-	Y	N
14559	CAMBRIDGE COLL	CAMBRIDGE	3		7		133.3	Y	Y
14460C	CAPE COD CMTY COLL	W BARNSTABLE	5		6		20.0	Y	Y
14547	CATHERINE LABOURE COLL	BOSTON	0		3		**	Y	Y
14549	CENTRAL NEW ENGLAND COLLS	WORCESTER	31		17		45.2-	Y	Y
14426	CHAMBERLAYNE JR COLL	BOSTON	69			M			
14429	CLARK UNIV	WORCESTER	258		307	E	19.0	Y	Y
14560	CONWAY SCH LANDSCAPE DSGN	CONWAY	0		0			Y	N
14430	CURRY COLL	MILTON	10		15		50.0	Y	Y
14431	DEAN JR COLL	FRANKLIN	20		16		20.0-	Y	Y
14432	EASTERN NAZARENE COLL	QUINCY	21		27		28.6	Y	Y
14433	EMERSON COLL	BOSTON	75		60		20.0-	Y	Y
14434	EMMANUEL COLL	BOSTON	27	L	39		44.4	Y	Y
14435	ENDICOTT COLL	BEVERLY	54		57		5.6	Y	Y
14437	FISHER COLL	BOSTON	17	E	19	E	11.8	Y	Y
14480C	FITCHBURG STATE COLL	FITCHBURG	15		18		20.0	Y	Y
14480D	FRAMINGHAM STATE COLL	FRAMINGHAM	28	E	32	E	14.3	Y	N
14439	FRANKLIN INST OF BOSTON	BOSTON	27		15		44.4-	Y	Y
14441	GORDON COLL	WENHAM	15	E	31		106.7	Y	Y
14460D	GREENFIELD CMTY COLL	GREENFIELD	22		18		18.2-	Y	Y
14443	HAMPSHIRE COLL	AMHERST	58		58		0.0	Y	Y
14444	HARVARD UNIV	CAMBRIDGE	2,014		2,197		9.1	Y	Y
14445	HEBREW COLL	BROOKLINE	17		11		35.3-	Y	Y
14446	HELLENIC COLL	BROOKLINE	26		21		19.2-	Y	Y
14447	HOLY CROSS, COLL OF THE	WORCESTER	8		6		25.0-	Y	Y
14460E	HOLYOKE CMTY COLL	HOLYOKE	4		5		25.0	Y	Y
14449	LASELL JR COLL	NEWTON	23		21		8.7-	Y	Y
14451	LESLEY COLL	CAMBRIDGE	124	L	60	E	51.6-	Y	N
14452	LOWELL, UNIV OF	LOWELL	386		385		0.3-	Y	Y
14452U	LOWELL-UNDERGRAD, UNIV OF	LOWELL	0			N		N	N
14556	MARIAN COURT JR COLL	SWAMPSCOTT	0		0			Y	N
14490	MASS AMHERST CAMPUS,U OF	AMHERST	1,559		1,631		4.6	Y	Y
14460F	MASS BAY CMTY COLL	WELLESLEY HILLS	90	E	96		6.7	Y	Y
14490B	MASS BOSTON CAMPUS, U OF	BOSTON	375	E	334		10.9-	Y	Y
14457	MASS C PHARMCY & HLTH SCI	BOSTON	185		196	E	5.9	Y	Y
14480F	MASS COLL OF ART	BOSTON	39		40		2.6	Y	N
14471	MASS INST OF TECHNOLOGY	CAMBRIDGE	1,881		1,981		5.3	Y	Y
14480G	MASS MARITIME ACADEMY	BOURNE	35		45		28.6	Y	Y
14557	MASS SCH PROF PSYCHOLOGY	DEDHAM	3		2		33.3-	Y	Y
14460G	MASSASOIT CMTY COLL	BROCKTON	27		22		18.5-	Y	Y
14491	MERRIMACK COLL	NORTH ANDOVER	16		20		25.0	Y	Y
14460H	MIDDLESEX CMTY COLL	BEDFORD	0		0			Y	N
14492	MOUNT HOLYOKE COLL	SOUTH HADLEY	151		155		2.6	Y	Y
14493	MOUNT IDA COLL	NEWTON CENTRE	45		120		166.7	Y	Y
14460I	MOUNT WACHUSETT CMTY COLL	GARDNER	15		12		20.0-	Y	Y
14456	NEW ENG COLL OF OPTOMETRY	BOSTON	24		29		20.8	Y	Y
14494	NEW ENG CONSV OF MUSIC	BOSTON	150	E	154		2.7	Y	Y
14550	NEW ENG INST ARTS & SCI	BOSTON	1		1		0.0	Y	Y
14558	NEW ENGLAND BANKING INST	BOSTON	0		0			Y	N
14546	NEWBURY COLL	BROOKLINE	72		94		30.6	Y	Y
14500	NICHOLS COLL	DUDLEY	9		4		55.6-	Y	Y
14480H	NORTH ADAMS STATE COLL	NORTH ADAMS	6		7		16.7	Y	Y
14460J	NORTH SHORE CMTY COLL	BEVERLY	41		28		31.7-	Y	Y
14502	NORTHEASTERN UNIV	BOSTON	2,099	E	2,028		3.4-	Y	Y
14460K	NORTHERN ESSEX CMTY COLL	HAVERHILL	29		36		24.1	Y	Y
14504	OUR LADY OF ELMS, COLL OF	CHICOPEE	6		11	E	83.3	Y	Y
14507	PINE MANOR COLL	CHESTNUT HILL	106		104		1.9-	Y	Y
14509	QUINCY JR COLL	QUINCY	51		96		88.2	Y	Y

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14460L	QUINSIGAMOND CMTY COLL	WORCESTER	24	22	8.3-	Y	Y
14511	REGIS COLL	WESTON	29	31	6.9	Y	Y
144600	ROXBURY CMTY COLL	BOSTON	110	106 E	3.6-	Y	N
14480I	SALEM STATE COLL	SALEM	61	60	1.6-	Y	Y
14516	SIMMONS COLL	BOSTON	95	76 E	20.0-	Y	Y
14535	SIMON'S ROCK OF BARD COLL	GREAT BARRINGTN	2	N		N	N
14517	SMITH COLL	NORTHAMPTON	203	225	10.8	Y	Y
14518	SOUTHEASTERN MASS UNIV	N DARTMOUTH	137 E	138 E	0.7	Y	Y
14519	SPRINGFIELD COLL	SPRINGFIELD	60	96	60.0	Y	Y
14460M	SPRINGFIELD TECHNICAL CC	SPRINGFIELD	39	28	28.2-	Y	Y
14514	ST HYACINTH COLL & SEM	GRANBY	4	2	50.0-	Y	Y
14515	ST JOHN'S SEM	BRIGHTON	3	7	133.3	Y	Y
14521	STONEHILL COLL	NORTH EASTON	15	12	20.0-	Y	Y
14522	SUFFOLK UNIV	BOSTON	174 E	200 E	14.9	Y	N
14524A	TUFTS FLTCHR LAWS DIPLMCY	MEDFORD	104	118	13.5	Y	Y
14524	TUFTS UNIV	MEDFORD	747	737	1.3-	Y	Y
14525	WELLESLEY COLL	WELLESLEY	121	96	20.7-	Y	Y
14526	WENTWORTH INST TECHNOLOGY	BOSTON	265	242	8.7-	Y	Y
14527	WESTERN NEW ENGLAND COLL	SPRINGFIELD	64	63	1.6-	Y	Y
14480J	WESTFIELD STATE COLL	WESTFIELD	8	4	50.0-	Y	Y
14528	WHEATON COLL	NORTON	39 E	59	51.3	Y	Y
14529	WHEELOCK COLL	BOSTON	15	16	6.7	Y	Y
14530	WILLIAMS COLL	WILLIAMSTOWN	64	69	7.8	Y	Y
14534	WORCESTER POLY INST	WORCESTER	281 E	319 E	13.5	Y	Y
14480K	WORCESTER STATE COLL	WORCESTER	58	63 E	8.6	Y	Y
	TOTAL MASSACHUSETTS		18,946	19,808	4.5		
	MICHIGAN						
34400	ADRIAN COLL	ADRIAN	9	23	155.6	Y	Y
34401	ALBION COLL	ALBION	17	21	23.5	Y	Y
34402	ALMA COLL	ALMA	4	5	25.0	Y	Y
34403	ALPENA CMTY COLL	ALPENA	5	1	80.0-	Y	Y
34404	ANDREWS UNIV	BERRIEN SPRINGS	435	441	1.4	Y	Y
34405	AQUINAS COLL	GRAND RAPIDS	14	17	21.4	Y	Y
34502	BAKER COLL-FLINT	FLINT	4 E	6	50.0	Y	Y
34406	BAY DE NOC CMTY COLL	ESCANABA	2	1	50.0-	Y	Y
34407	CALVIN COLL	GRAND RAPIDS	54	348	544.4	Y	N
34409	CENTRAL MICHIGAN UNIV	MT PLEASANT	182	150	17.6-	Y	Y
34426	CHARLES S MOTT CMTY COLL	FLINT	8	9	12.5	Y	Y
34411	CLEARY COLL	YPSILANTI	14	17	21.4	Y	Y
34412	CONCORDIA COLL	ANN ARBOR	11	8	27.3-	Y	Y
34413	CRANBROOK ACAD OF ART	BLOOMFLD HILLS	14	7	50.0-	Y	Y
34498	CTR FOR CREATIVE STUDIES	DETROIT	34	22	35.3-	Y	Y
34499	CTR HUMANISTIC STUDIES	DETROIT	0	0		Y	N
34414	DAVENPORT COLL	GRAND RAPIDS	1	2	100.0	Y	Y
34415	DELTA COLL	UNIV CENTER	17	13	23.5-	Y	Y
34490	DETROIT COLL OF BUSINESS	DEARBORN	1	4	300.0	Y	Y
34420	DETROIT, UNIV OF	DETROIT	418 E	464	11.0	Y	Y
34422	EASTERN MICHIGAN UNIV	YPSILANTI	1,090	1,069	1.9-	Y	Y
34424	FERRIS STATE UNIV	BIG RAPIDS	165	180	9.1	Y	Y
34491	GLEN OAKS CMTY COLL	CENTREVILLE	3	1	66.7-	Y	Y
34425	GMI ENGR & MGMT INST	FLINT	244	245	0.4	Y	Y
34427	GOGEBIC CMTY COLL	IRONWOOD	1	0	100.0-	Y	N
34492	GRACE BIBLE COLL	GRAND RAPIDS	4	6	50.0	Y	Y
34428	GRAND RAPIDS BAPT C & SEM	GRAND RAPIDS	20	11	45.0-	Y	Y
34429	GRAND RAPIDS JR COLL	GRAND RAPIDS	10	22	120.0	Y	Y
34430	GRAND VALLEY STATE UNIV	ALLENDALE	20	24	20.0	Y	Y
34432	HENRY FORD CMTY COLL	DEARBORN	22	27	22.7	Y	Y
34433	HIGHLAND PARK CMTY COLL	HIGHLAND PARK	46	65	41.3	Y	N
34434	HILLSDALE COLL	HILLSDALE	14	14 E	0.0	Y	N
34435	HOPE COLL	HOLLAND	51	44	13.7-	Y	Y
34436	JACKSON CMTY COLL	JACKSON	2	1	50.0-	Y	Y
34437	KALAMAZOO COLL	KALAMAZOO	58	61	5.2	Y	Y
34438	KALAMAZOO VALLEY CC	KALAMAZOO	126	128	1.6	Y	Y
34439	KELLOGG CMTY COLL	BATTLE CREEK	50 E	40	20.0-	Y	Y

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34503	KENDALL COLL ART & DSGN	GRAND RAPIDS	3		6		100.0	Y	Y
34440	KIRTLAND CMTY COLL	ROSCOMMON	0		0			Y	N
34441	LAKE MICHIGAN COLL	BENTON HARBOR	13		11		15.4-	Y	Y
34442	LAKE SUPERIOR STATE COLL	SAULT ST MARIE	585		704		20.3	Y	Y
34443	LANSING CMTY COLL	LANSING	171	E	148		13.5-	Y	Y
34444	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	125		128		2.4	Y	N
34500	LEWIS COLL OF BUSINESS	DETROIT	1		0		100.0-	Y	N
34445B	MACOMB CMTY COLL	WARREN	33		69		109.1	Y	N
34446	MADONNA COLL	LIVONIA	52		55		5.8	Y	Y
34448	MARYGROVE COLL	DETROIT	5		6		20.0	Y	Y
34449	MERCY COLL OF DETROIT	DETROIT	6			N		N	N
34451	MICHIGAN CHRISTIAN COLL	ROCHESTER HILLS	5		10		100.0	Y	Y
34452	MICHIGAN STATE UNIV	EAST LANSING	2,148		2,201		2.5	Y	Y
34453	MICHIGAN TECHNOLOGICAL U	HOUGHTON	283		316		11.7	Y	Y
34454	MICHIGAN-ANN ARBOR, U OF	ANN ARBOR	2,446		2,465		0.8	Y	Y
34454B	MICHIGAN-DEARBORN, U OF	DEARBORN	54		38		29.6-	Y	Y
34454C	MICHIGAN-FLINT, UNIV OF	FLINT	9		6		33.3-	Y	N
34497	MID MICHIGAN CMTY COLL	HARRISON	3		3		0.0	Y	Y
34455	MONROE COUNTY CMTY COLL	MONROE	20		15	E	25.0-	Y	Y
34456	MONTCALM CMTY COLL	SIDNEY	0		0			Y	N
34457	MUSKEGON CMTY COLL	MUSKEGON	5		5		0.0	Y	Y
34458	NAZARETH COLL	KALAMAZOO	2		3		50.0	Y	Y
34459	NORTH CENTRAL MICH COLL	PETOSKEY	1		1		0.0	Y	Y
34460	NORTHERN MICHIGAN UNIV	MARQUETTE	74		64		13.5-	Y	Y
34461	NORTHWESTERN MICH COLL	TRAVERSE CITY	20		14		30.0-	Y	Y
34462	NORTHWOOD INST	MIDLAND	45	E	40	E	11.1-	Y	N
34463Y	OAKLAND CMTY COLL	BLOOMFLD HILLS	72		92		27.8	Y	Y
34464	OAKLAND UNIV	ROCHESTER	86		93		8.1	Y	Y
34465	OLIVET COLL	OLIVET	6		8		33.3	Y	Y
34468	SACRED HEART MAJOR SEM	DETROIT	0		0			Y	N
34469	SAGINAW VALLEY STATE UNIV	UNIV CENTER	38		33		13.2-	Y	Y
34474	SCHOOLCRAFT COLL	LIVONIA	14		11		21.4-	Y	Y
34476	SIENA HEIGHTS COLL	ADRIAN	13		12		7.7-	Y	Y
34477	SOUTHWESTERN MICH COLL	DOWAGIAC	36		57		58.3	Y	Y
34478	SPRING ARBOR COLL	SPRING ARBOR	12		19		58.3	Y	Y
34471	ST CLAIR COUNTY CMTY COLL	PORT HURON	22		35		59.1	Y	Y
34504	ST JOHN'S PROVINCIAL SEM	PLYMOUTH	0			C			
34473	ST MARY'S COLL	ORCHARD LAKE	9		12		33.3	Y	Y
34479	SUOMI COLL	HANCOCK	11		20		81.8	Y	Y
34495	WALSH COLL	TROY	8		9		12.5	Y	Y
34480	WASHTENAW CMTY COLL	ANN ARBOR	46		200	E	334.8	Y	Y
34488	WAYNE COUNTY CMTY COLL	DETROIT	148		117		20.9-	Y	N
34482	WAYNE STATE UNIV	DETROIT	1,332		1,386		4.1	Y	Y
34483	WEST SHORE CMTY COLL	SCOTTVILLE	0		0			Y	N
34484	WESTERN MICHIGAN UNIV	KALAMAZOO	1,039		948		8.8-	Y	Y
	TOTAL MICHIGAN		12,171		12,857		5.6		
	MINNESOTA								
41401	ALEXANDRIA AREA VOC TECH	ALEXANDRIA	4		1		75.0-	Y	Y
41400	ANOKA-RAMSEY CMTY COLL	COON RAPIDS	10		6	E	40.0-	Y	N
41417	ARROWHEAD CMTY C-HIBBING	HIBBING	1		0		100.0-	Y	N
41402	AUGSBURG COLL	MINNEAPOLIS	60		51		15.0-	Y	Y
41403	AUSTIN CMTY COLL	AUSTIN	7		10		42.9	Y	Y
41404	BEMIDJI STATE UNIV	BEMIDJI	51		48		5.9-	Y	Y
41405	BETHANY LUTHERAN COLL	MANKATO	1		5		400.0	Y	Y
41406	BETHEL COLL	SAINT PAUL	0		11	E	**	Y	N
41406A	BETHEL THEOLOGICAL SEM	SAINT PAUL	16		16		0.0	Y	Y
41407	BRAINERD CMTY COLL	BRAINERD	1		1		0.0	Y	Y
41408	CARLETON COLL	NORTHFIELD	14		14		0.0	Y	Y
41409	CONCORDIA COLL MOORHEAD	MOORHEAD	81		88		8.6	Y	Y
41410	CONCORDIA COLL SAINT PAUL	SAINT PAUL	69		58		15.9-	Y	Y
41413	DR MARTIN LUTHER COLL	NEW ULM	1		0		100.0-	Y	N
41414	FERGUS FALLS CMTY COLL	FERGUS FALLS	9		4		55.6-	Y	Y
41415	GUSTAVUS ADOLPHUS COLL	SAINT PETER	43		44		2.3	Y	Y
41416	HAMLINE UNIV	SAINT PAUL	34		39		14.7	Y	Y

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RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2.
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NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	S2
41418	INVER HILLS CMTY COLL	INVER GROVE HTS	10		8		20.0-	Y	Y
41419	ITASCA CMTY C-ARROWHEAD	GRAND RAPIDS	2		1		50.0-	Y	Y
41420	LAKEWOOD CMTY COLL	WHITE BEAR LAKE	10		6		40.0-	Y	Y
41473	LUTHER NTHWSTN THEOL SEM	SAINT PAUL	18		20		11.1	Y	Y
41423	MACALESTER COLL	SAINT PAUL	156		127		18.6-	Y	Y
41424	MANKATO STATE UNIV	MANKATO	510		491		3.7-	Y	Y
41430C	MAYO GRAD SCH OF MEDICINE	ROCHESTER	150	E	189		26.0	Y	N
41472	MAYO MEDICAL SCH	ROCHESTER	0		0			Y	N
41426	MESABI CMTY COLL	VIRGINIA	4		0		100.0-	Y	N
41471	METROPOLITAN STATE UNIV	SAINT PAUL	15	E	7		53.3-	Y	N
41430B	MINN DULUTH, UNIV OF	DULUTH	156		125		19.9-	Y	Y
41430D	MINN MORRIS, UNIV OF	MORRIS	14		15	E	7.1	Y	N
41430F	MINN TECH C-CROOKSTON, U	CROOKSTON	11		9		18.2-	Y	N
41430E	MINN TECH C-WASECA, U OF	WASECA	3		6		100.0	Y	Y
41430	MINN TWIN CITIES, UNIV OF	MINNEAPOLIS	2,514		2,510		0.2-	Y	Y
41428	MINNEAPOLIS C ART DESIGN	MINNEAPOLIS	15		18		20.0	Y	Y
41427	MINNEAPOLIS CMTY COLL	MINNEAPOLIS	111		142		27.9	Y	Y
41440	MOORHEAD STATE UNIV	MOORHEAD	107		101		5.6-	Y	Y
41441	NORMANDALE CMTY COLL	BLOOMINGTON	25		27	E	8.0	Y	Y
41442	NORTH CENTRAL BIBLE COLL	MINNEAPOLIS	30		26		13.3-	Y	Y
41443	NORTH HENNEPIN CMTY COLL	MINNEAPOLIS	25		31		24.0	Y	Y
41469	NORTHLAND CMTY COLL	THIEF RIVER FLS	0		0			Y	N
41466	NORTHWESTERN COLL	ROSEVILLE	4		5		25.0	Y	Y
41445	RAINY RIVER CMTY COLL	INT'L FALLS	114		116		1.8	Y	Y
41446	ROCHESTER CMTY COLL	ROCHESTER	40	E	47		17.5	Y	N
41459	SOUTHWEST STATE UNIV	MARSHALL	22		21		4.5-	Y	Y
41447	ST BENEDICT, COLL OF	SAINT JOSEPH	43		28		34.9-	Y	Y
41448	ST CATHERINE, COLL OF	SAINT PAUL	143		164		14.7	Y	Y
41452	ST CATHERINE-ST MARY'S, C	MINNEAPOLIS	0		0			Y	N
41449	ST CLOUD STATE UNIV	SAINT CLOUD	127	E	119		6.3-	Y	Y
41450	ST JOHN'S UNIV	COLLEGEVILLE	45		55		22.2	Y	Y
41451	ST MARY'S COLL	WINONA	9		28		211.1	Y	Y
41453	ST OLAF COLL	NORTHFIELD	54		48		11.1-	Y	Y
41454	ST PAUL BIBLE COLL	BIBLE COLLEGE	4		3		25.0-	Y	Y
41474	ST PAUL TECHNICAL INST	SAINT PAUL	5	F	2		60.0-	Y	Y
41456	ST SCHOLASTICA, COLL OF	DULUTH	5		6		20.0	Y	Y
41457	ST TERESA, COLL OF	WINONA	1		0		100.0-	Y	N
41458	ST THOMAS, COLL OF	SAINT PAUL	51		58	E	13.7	Y	Y
41460	UNITED THEOLOGICAL SEM	NEW BRIGHTON	4		6		50.0	Y	Y
41461	VERMILION CMTY COLL	ELY	1		0		100.0-	Y	N
41463	WILLMAR CMTY COLL	WILLMAR	2		0		100.0-	Y	N
41464	WINONA STATE UNIV	WINONA	125		154		23.2	Y	Y
41465	WORTHINGTON CMTY COLL	WORTHINGTON	2		7		250.0	Y	Y
	TOTAL MINNESOTA		5,089		5,122		0.6		
	MISSISSIPPI								
64400	ALCORN STATE UNIV	LORMAN	24		9		62.5-	Y	N
64401	BELHAVEN COLL	JACKSON	18		23		27.8	Y	Y
64402	BLUE MOUNTAIN COLL	BLUE MOUNTAIN	1		1		0.0	Y	Y
64403	CLARKE COLL	NEWTON	0		0			Y	N
64404	COAHOMA JR COLL	CLARKSDALE	0		0			Y	N
64405	COPIAH-LINCOLN JR COLL	WESSON	1		1		0.0	Y	Y
64406	DELTA STATE UNIV	CLEVELAND	6		3		50.0-	Y	Y
64407	EAST CENTRAL JR COLL	DECATUR	0		0			Y	N
64408	EAST MISSISSIPPI JR COLL	SCOOBA	0			N		N	N
64410	HINDS CMTY COLL	RAYMOND	6		8		33.3	Y	Y
64411	HOLMES JR COLL	GOODMAN	0		3		**	Y	Y
64412	ITAWAMBA JR COLL	FULTON	6			N		N	N
64413	JACKSON STATE UNIV	JACKSON	100	E	1,000	E	900.0	Y	N
64414	JONES COUNTY JR COLL	ELLISVILLE	0		0			Y	N
64415	MARY HOLMES COLL	WEST POINT	0		3		**	Y	Y
64416	MERIDIAN CMTY COLL	MERIDIAN	1		1		0.0	Y	Y
64417	MILLSAPS COLL	JACKSON	11		11		0.0	Y	Y
64420A	MISS GULF CST JC JACKSON	GAUTIER	1		1		0.0	Y	Y
64420C	MISS GULF CST JC PERKNSTN	PERKINSTON	6		6		0.0	Y	Y

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NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	S2
64420B	MISS GULF CST-PERKINSTON	PERKINSTON	8		3		62.5-	Y	N
64418	MISSISSIPPI COLL	CLINTON	0		9		**	Y	Y
64419	MISSISSIPPI DELTA JR COLL	MOORHEAD	0		0			Y	N
64424	MISSISSIPPI MAIN CAM,U OF	UNIVERSITY	454		496		9.3	Y	Y
64424A	MISSISSIPPI MED CTR, U OF	JACKSON	31		32		3.2	Y	Y
64423	MISSISSIPPI STATE UNIV	MS STATE	544		560		2.9	Y	Y
64422	MISSISSIPPI U FOR WOMEN	COLUMBUS	13		0		100.0-	Y	N
64425	MISSISSIPPI VLY STATE U	ITTA BENA	2			N		N	N
64427	NORTHEAST MISS JR COLL	BOONEVILLE	1		4		300.0	Y	Y
64428	NORTHWEST MISS CMTY COLL	SENATOBIA	7		3	E	57.1-	Y	Y
64429	PEARL RIVER JR COLL	POPLARVILLE	1		0		100.0-	Y	N
64441	REFORMED THEOLOGICAL SEM	JACKSON	27		35		29.6	Y	Y
64431	RUST COLL	HOLLY SPRINGS	16		12		25.0-	Y	Y
64434	SOUTHERN MISSISSIPPI,U OF	HATTIESBURG	305		263		13.8-	Y	Y
64435	SOUTHWEST MISS CMTY COLL	SUMMIT	0		0			Y	N
64436	TOUGALOO COLL	TOUGALOO	4		2		50.0-	Y	Y
64437	UTICA JR COLL	UTICA	0		13		**	Y	N
64439	WILLIAM CAREY COLL	HATTIESBURG	32		28		12.5-	Y	Y
64440	WOOD JR COLL	MATHISTON	13		6		53.8-	Y	Y
	TOTAL MISSISSIPPI		1,639		2,536		54.7		
	MISSOURI								
43497	AQUINAS INST OF THEOLOGY	SAINT LOUIS	4		5		25.0	Y	Y
43491	ASSEMBLIES GOD THEO SEM	SPRINGFIELD	8		6		25.0-	Y	Y
43400	AVILA COLL	KANSAS CITY	22		18		18.2-	Y	Y
43406	CENTRAL METHODIST COLL	FAYETTE	13		18		38.5	Y	Y
43407	CENTRAL MISSOURI ST UNIV	WARRENSBURG	268		299		11.6	Y	Y
43495	CLEVELAND CHIRPRACTC COLL	KANSAS CITY	10		22		120.0	Y	Y
43408	COLUMBIA COLL	COLUMBIA	13		20		53.8	Y	Y
43420	CONCEPTION SEM COLL	CONCEPTION	1		1		0.0	Y	Y
43409	CONCORDIA SEM	SAINT LOUIS	17		17		0.0	Y	Y
43410	COTTEY COLL	NEVADA	25		23		8.0-	Y	Y
43488	COVENANT THEOLOGICAL SEM	SAINT LOUIS	12		11		8.3-	Y	Y
43411	CROWDER COLL	NEOSHO	6		2		66.7-	Y	Y
43412	CULVER-STOCKTON COLL	CANTON	5		11		120.0	Y	Y
43405	DEVRY INST OF TECHNOLOGY	KANSAS CITY	11		10	E	9.1-	Y	Y
43413	DRURY COLL	SPRINGFIELD	21		18		14.3-	Y	Y
43414	EAST CENTRAL COLL	UNION	3		2		33.3-	Y	Y
43415	EDEN THEOLOGICAL SEM	WEBSTER GROVES	4		6		50.0	Y	Y
43416	EVANGEL COLL	SPRINGFIELD	28		27		3.6-	Y	Y
43418	FONTBONNE COLL	SAINT LOUIS	53		58		9.4	Y	Y
43483	HANNIBAL-LAGRANGE COLL	HANNIBAL	2		5		150.0	Y	Y
43419	HARRIS STOWE STATE COLL	SAINT LOUIS	41		19		53.7-	Y	N
43498	INTERNATIONAL GRAD SCH	SAINT LOUIS	0		1		**	Y	Y
43421	JEFFERSON COLL	HILLSBORO	4		7		75.0	Y	Y
43423	KANSAS CITY ART INST	KANSAS CITY	7		9		28.6	Y	Y
43425	KEMPER MILITARY SCH &COLL	BOONVILLE	2		4		100.0	Y	Y
43426	KENRICK SEM	SAINT LOUIS	1		1		0.0	Y	Y
43428	LINCOLN UNIV	JEFFRSON CITY	98		90	E	8.2-	Y	N
43429	LINDENWOOD COLL	SAINT CHARLES	18		22		22.2	Y	Y
43487	LOGAN COLL CHIROPRACTIC	CHESTERFIELD	21		30		42.9	Y	Y
43422A	LONGVIEW CMTY COLL	LEE'S SUMMIT	13		16		23.1	Y	Y
43422B	MAPLE WOODS CMTY COLL	KANSAS CITY	7		5		28.6-	Y	Y
43431	MARYVILLE COLL	SAINT LOUIS	50	E	74		48.0	Y	Y
43433	MIDWESTERN BAPT THEOL SEM	KANSAS CITY	7		10		42.9	Y	Y
43434	MINERAL AREA COLL	FLAT RIVER	0		0			Y	N
43484	MISSOURI BAPTIST COLL	SAINT LOUIS	39		37		5.1-	Y	Y
43440	MISSOURI COLUMBIA, U OF	COLUMBIA	1,470		1,534		4.4	Y	Y
43440B	MISSOURI KANSAS CITY,U OF	KANSAS CITY	343		436		27.1	Y	Y
43440D	MISSOURI ROLLA, UNIV OF	ROLLA	470		492	E	4.7	Y	Y
43440E	MISSOURI ST LOUIS, U OF	SAINT LOUIS	187		213		13.9	Y	Y
43438	MISSOURI STHN STATE COLL	JOPLIN	10		9		10.0-	Y	Y
43450	MISSOURI VALLEY COLL	MARSHALL	9		13		44.4	Y	Y
43451	MISSOURI WESTERN ST COLL	SAINT JOSEPH	9		7		22.2-	Y	Y
43452	MOBERLY AREA JR COLL	MOBERLY	11		17		54.5	Y	Y

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NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
43476	NORTH CENTRAL MISSOURI C	TRENTON	0		0			Y	N
43455	NTHEST MISSOURI STATE U	KIRKSVILLE	231		231		0.0	Y	Y
43456	NTHWST MISSOURI STATE U	MARYVILLE	221		150	E	32.1-	Y	N
43459	OZARKS, SCH OF THE	POINT LOOKOUT	26		31		19.2	Y	Y
43460	PARK COLL	KANSAS CITY	33		44		33.3	Y	Y
43422C	PENN VALLEY CMTY COLL	KANSAS CITY	205		157		23.4-	Y	Y
43499	PLATT COLL-ST JOSEPH	SAINT JOSEPH	0			N		N	N
43501	RESEARCH COLL OF NURSING	KANSAS CITY	0		0			Y	N
43461	ROCKHURST COLL	KANSAS CITY	25		25	L	0.0	Y	N
43462A	ST LOUIS CC FLORISSNT VLY	SAINT LOUIS	13		10		23.1-	Y	Y
43462B	ST LOUIS CC FOREST PARK	SAINT LOUIS	18		16	E	11.1-	Y	Y
43462C	ST LOUIS CC MERAMEC	KIRKWOOD	31		34		9.7	Y	Y
43463	ST LOUIS COLL OF PHARMACY	SAINT LOUIS	6		9		50.0	Y	Y
43465	ST LOUIS UNIV MAIN CAMPUS	SAINT LOUIS	602		662		10.0	Y	Y
43466	ST MARY'S COLL O'FALLON	O'FALLON	1			C			
43469	ST PAUL SCH OF THEOLOGY	KANSAS CITY	3		2		33.3-	Y	Y
43489	STATE FAIR CMTY COLL	SEDALIA	1		3		200.0	Y	Y
43473	STEPHENS COLL	COLUMBIA	4		8		100.0	Y	Y
43470	STHEST MISSOURI STATE U	CAPE GIRARDEAU	325		300		7.7-	Y	Y
43471	STHWST BAPTIST UNIV	BOLIVAR	67		65		3.0-	Y	Y
43472	STHWST MISSOURI STATE U	SPRINGFIELD	97	E	92		5.2-	Y	N
43474	TARKIO COLL	TARKIO	15		5		66.7-	Y	Y
43475	THREE RIVERS CMTY COLL	POPLAR BLUFF	0		0			Y	N
43477	WASHINGTON UNIV	SAINT LOUIS	773		791		2.3	Y	Y
43478	WEBSTER UNIV	SAINT LOUIS	147	L	102		30.6-	Y	Y
43479	WENTWORTH MILITARY ACAD	LEXINGTON	20	E	18		10.0-	Y	Y
43480	WESTMINSTER COLL	FULTON	6		3		50.0-	Y	Y
43481	WILLIAM JEWELL COLL	LIBERTY	9		13		44.4	Y	Y
43482	WILLIAM WOODS COLL	FULTON	1		1		0.0	Y	N
	TOTAL MISSOURI		6,223		6,397		2.8		
	MONTANA								
81414	BLACKFEET CMTY COLL	BROWNING	0			N		N	N
81400	CARROLL COLL	HELENA	24		26		8.3	Y	Y
81401	DAWSON CMTY COLL	GLENDIVE	2		4		100.0	Y	Y
81415	DULL KNIFE MEMORIAL COLL	LAME DEER	0		0			Y	N
81402	EASTERN MONTANA COLL	BILLINGS	11		7		36.4-	Y	Y
81403	FLATHEAD VALLEY CMTY COLL	KALISPELL	0		2		**	Y	Y
81404	GREAT FALLS, COLL OF	GREAT FALLS	15		26		73.3	Y	Y
81405	MILES CMTY COLL	MILES CITY	2		5		150.0	Y	Y
81406	MONTANA C MINRL SCI&TECHN	BUTTE	97		98		1.0	Y	Y
81407	MONTANA STATE UNIV	BOZEMAN	230		252		9.6	Y	Y
81408	MONTANA, UNIV OF	MISSOULA	223		234		4.9	Y	Y
81409	NORTHERN MONTANA COLL	HAVRE	13		10		23.1-	Y	N
81411	ROCKY MOUNTAIN COLL	BILLINGS	24		27		12.5	Y	Y
81416	SALISH KOOTENAI COLL	PABLO	1			N		N	N
81412	WESTERN MONTANA COLL	DILLON	1		1		0.0	Y	Y
	TOTAL MONTANA		643		692		7.6		
	NEBRASKA								
46400	BELLEVUE COLL	BELLEVUE	24		15		37.5-	Y	Y
46425	CENTRAL CMTY COLL	HASTINGS	2		1		50.0-	Y	Y
46401	CHADRON STATE COLL	CHADRON	11		14		27.3	Y	Y
46402	CONCORDIA COLL	SEWARD	11		11		0.0	Y	Y
46403	CREIGHTON UNIV	OMAHA	183		191		4.4	Y	Y
46404	DANA COLL	BLAIR	12		14		16.7	Y	Y
46405	DOANE COLL	CRETE	64		70		9.4	Y	Y
46408	HASTINGS COLL	HASTINGS	2		3		50.0	Y	Y
46410	KEARNEY STATE COLL	KEARNEY	119		98	E	17.6-	Y	Y
46424	METROPOLITAN CMTY COLL	OMAHA	13		23		76.9	Y	Y
46412	MID PLAINS CC-MCCOOK	MCCOOK	5		4		20.0-	Y	Y
46417	MID PLAINS CC-NO PLATTE	NORTH PLATTE	0		0			Y	N
46413	MIDLAND LUTHERAN COLL	FREMONT	8		7		12.5-	Y	Y

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46429	NEBRASKA INDIAN CMTY COLL	WINNEBAGO	0			N		N	N
46414	NEBRASKA LINCOLN, UNIV OF	LINCOLN	957		908		5.1-	Y	Y
46414A	NEBRASKA MEDICAL CTR, U	OMAHA	40		55		37.5	Y	Y
46414B	NEBRASKA OMAHA, UNIV OF	OMAHA	242		180		25.6-	Y	Y
46415	NEBRASKA WESLEYAN UNIV	LINCOLN	19		13		31.6-	Y	Y
46418	NORTHEAST TECH CMTY COLL	NORFOLK	2		4		100.0	Y	Y
46419	PERU STATE COLL	PERU	5		5		0.0	Y	Y
46406	SOUTHEAST CMTY C-BEATRICE	BEATRICE	0		3		**	Y	Y
46411	SOUTHEAST CMTY C-LINCOLN	LINCOLN	9	E	10		11.1	Y	Y
46406A	SOUTHEAST CMTY C-MILFORD	MILFORD	6		4		33.3-	Y	Y
46420	ST MARY, COLL OF	OMAHA	4		2		50.0-	Y	Y
46421	UNION COLL	LINCOLN	46		46		0.0	Y	Y
46422	WAYNE STATE COLL	WAYNE	7		6		14.3-	Y	Y
46430	WESTERN NEBRASKA CC-SIDNY	SIDNEY	1		0		100.0-	Y	N
46416	WESTERN NEBRASKA CMTY C	SCOTTSBLUFF	1		1		0.0	Y	Y
46431	WESTERN NEBRASKA CMTY C	SIDNEY	1		0		100.0-	Y	N
46423	YORK COLL	YORK	7		7		0.0	Y	Y
	TOTAL NEBRASKA		1,801		1,695		5.9-		
	NEVADA								
88400B	CLARK COUNTY CMTY COLL	N LAS VEGAS	23		30		30.4	Y	Y
88400D	NEVADA LAS VEGAS, UNIV OF	LAS VEGAS	152		158		3.9	Y	Y
88400	NEVADA RENO, UNIV OF	RENO	368		376		2.2	Y	Y
88400C	NORTHERN NEVADA CMTY COLL	ELKO	0		0			Y	N
88410	SIERRA NEVADA COLL	INCLINE VILLAGE	4		5		25.0	Y	Y
88400F	TRUCKEE MEADOWS CMTY COLL	RENO	57		122		114.0	Y	Y
88400E	WESTERN NEVADA CMTY COLL	CARSON CITY	5		4		20.0-	Y	Y
	TOTAL NEVADA		609		695		14.1		
	NEW HAMPSHIRE								
12427	CASTLE JR COLL	WINDHAM	1		0		100.0-	Y	N
12402	COLBY-SAWYER COLL	NEW LONDON	6		3		50.0-	Y	Y
12408	DANIEL WEBSTER COLL	NASHUA	20		11		45.0-	Y	Y
12403	DARTMOUTH COLL	HANOVER	244		295		20.9	Y	Y
12403C	DARTMOUTH MEDICAL SCH	HANOVER	3	P	1		66.7-	Y	Y
12405	FRANKLIN PIERCE COLL	RINDGE	15		18		20.0	Y	N
12407	HAWTHORNE COLL	ANTRIM	14		14	L	0.0	Y	N
12418	HESSER COLL	MANCHESTER	20		24		20.0	Y	N
12412A	KEENE STATE COLL	KEENE	30		39		30.0	Y	N
12430	LIFELONG LEARNING,SCH FOR	DURHAM	0		4		**	Y	Y
12423	MCINTOSH COLL	DOVER		N		N		N	N
12409	NEW ENGLAND COLL	HENNIKER	36		28		22.2-	Y	Y
12410	NEW HAMPSHIRE COLL	MANCHESTER	508		494		2.8-	Y	Y
12412C	NEW HAMPSHIRE MANCHESTR,U	MANCHESTER	0		1		**	Y	Y
12412	NEW HAMPSHIRE, UNIV OF	DURHAM	315	E	265		15.9-	Y	Y
12422	NH TECHNICAL INST	CONCORD	1			N		N	N
12425	NH VOC-TECH C BERLIN	BERLIN	0		0			Y	N
12424	NH VOC-TECH C CLAREMONT	CLAREMONT	0		0			Y	N
12421	NH VOC-TECH C LACONIA	LACONIA	1		0		100.0-	Y	N
12413	NH VOC-TECH C MANCHESTER	MANCHESTER	3		0		100.0-	Y	N
12426	NH VOC-TECH C NASHUA	NASHUA	0			N		N	N
12414	NH VOC-TECH C STRATHAM	STRATHAM	3	E	2		33.3-	Y	Y
12415	NOTRE DAME COLL	MANCHESTER	3		3		0.0	Y	Y
124129	PLYMOUTH STATE COLL	PLYMOUTH	20	P	24		20.0	Y	Y
12416	RIVIER COLL	NASHUA	24		30		25.0	Y	Y
12417	ST ANSELM'S COLL	MANCHESTER	11		8		27.3-	Y	Y
12419	WHITE PINES COLL	CHESTER	10		6		40.0-	Y	Y
	TOTAL NEW HAMPSHIRE		1,288		1,270		1.4-		
	NEW JERSEY								
22402	ASSUMPTION C FOR SISTERS	MENDHAM	0		7		**	Y	Y

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22403	ATLANTIC CMTY COLL	MAYS LANDING	40		60		50.0	Y	Y
22405	BERGEN CMTY COLL	PARAMUS	84	E	91		8.3	Y	Y
22461	BERKELEY SCH NEW JERSEY	WEST PATTERSON	0		29		**	Y	Y
22406	BLOOMFIELD COLL	BLOOMFIELD	14		10		28.6-	Y	Y
22407	BROOKDALE CMTY COLL	LINCROFT	47		52		10.6	Y	Y
22408	BURLINGTON COUNTY COLL	PEMBERTON	20		28		40.0	Y	Y
22409	CALDWELL COLL	CALDWELL	19		19		0.0	Y	Y
22410	CAMDEN COUNTY COLL	BLACKWOOD	30	E	35	E	16.7	Y	N
22411	CENTENARY COLL	HACKETTSTOWN	12		15	E	25.0	Y	N
22434	COUNTY COLL OF MORRIS	RANDOLPH	83		67		19.3-	Y	N
22413	CUMBERLAND COUNTY COLL	VINELAND	3	E	4		33.3	Y	Y
22414	DON BOSCO COLL	NEWTON	5		5		0.0	Y	Y
22415	DREW UNIV	MADISON	118		129		9.3	Y	Y
22418	ESSEX COUNTY COLL	NEWARK	220		195		11.4-	Y	Y
22419A	FAIRLEIGH DCKSN U EDW WMS	HACKENSACK	22		29		31.8	Y	Y
22419B	FAIRLEIGH DCKSN U MADISON	MADISON	15		13		13.3-	Y	Y
22419	FAIRLEIGH DCKSN U RUTHRFRD	RUTHERFORD	151		119		21.2-	Y	Y
22419C	FAIRLEIGH DCKSN U TEANECK	TEANECK	426		263		38.3-	Y	Y
22420	FELICIAN COLL	LODI	2		15		650.0	Y	Y
22422	GEORGIAN COURT COLL	LAKEWOOD	6		5		16.7-	Y	Y
22423	GLASSBORO STATE COLL	GLASSBORO	79		91		15.2	Y	Y
22424	GLOUCESTER COUNTY COLL	SEWELL	8		8		0.0	Y	Y
22469	HUDSON COUNTY CMTY COLL	JERSEY CITY	99		91		8.1-	Y	Y
22426	IMMACULATE CONCEPTION SEM	SOUTH ORANGE	7		14		100.0	Y	Y
22428	JERSEY CITY STATE COLL	JERSEY CITY	358		350	E	2.2-	Y	N
22439	KEAN COLL OF NEW JERSEY	UNION	300	L	250	E	16.7-	Y	N
22436	MED & DENT OF NJ, UNIV OF	NEWARK	66		69		4.5	Y	Y
22430	MERCER COUNTY CMTY COLL	TRENTON	103		123		19.4	Y	Y
22431	MIDDLESEX COUNTY COLL	EDISON	99		129		30.3	Y	Y
22432	MONMOUTH COLL	W LONG BRANCH	172		201	E	16.9	Y	N
22433	MONTCLAIR STATE COLL	UPPER MONTCLAIR	145	E	176		21.4	Y	N
22438	NEW JERSEY INST TECHN	NEWARK	1,415	E	1,746		23.4	Y	Y
22440	NORTHEASTERN BIBLE COLL	ESSEX FELLS	7			N		N	N
22441	OCEAN COUNTY COLL	TOMS RIVER	3		7		133.3	Y	Y
22467	PASSAIC COUNTY CMTY COLL	PATERSON	75	E	64		14.7-	Y	Y
22442	PRINCETON THEOLOGICAL SEM	PRINCETON	65		66		1.5	Y	Y
22443	PRINCETON UNIV	PRINCETON	717		764		6.6	Y	Y
22444	RAMAPO COLL OF NEW JERSEY	MAHWAH	86		102		18.6	Y	Y
22446	RIDER COLL	LAWRENCEVILLE	45	E	55	E	22.2	Y	Y
22447A	RUTGERS U CAMDEN CAMPUS	CAMDEN	44		35	E	20.5-	Y	Y
22447	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	1,608		1,849		15.0	Y	Y
22447B	RUTGERS U NEWARK CAMPUS	NEWARK	501		475		5.2-	Y	Y
22465	SALEM CMTY COLL	CARNEYS POINT	6		3		50.0-	Y	Y
22451	SETON HALL UNIV	SOUTH ORANGE	129	E	250	E	93.8	Y	N
22452	SOMERSET COUNTY COLL	SOMERVILLE	19		18		5.3-	Y	Y
22448	ST ELIZABETH, COLL OF	CONVENT STATION	28		24		14.3-	Y	Y
22450	ST PETER'S COLL	JERSEY CITY	23		54		134.8	Y	Y
22453	STEVENS INST TECHNOLOGY	HOBOKEN	520	E	549	E	5.6	Y	N
22445	STOCKTON STATE COLL	POMONA	38		24		36.8-	Y	Y
22468	THOMAS A EDISON COLL	TRENTON	81		71		12.3-	Y	Y
22455	TRENTON STATE COLL	TRENTON	64	E	65		1.6	Y	Y
22456	UNION COUNTY COLL	CRANFORD	70	E	100	E	42.9	Y	N
22457	UPSALA COLL	EAST ORANGE	16		23		43.8	Y	Y
22458	WESTMINSTER CHOIR COLL	PRINCETON	19		20		5.3	Y	Y
22459	WILLIAM PATERSON COLL	WAYNE	65		80	E	23.1	Y	N
	TOTAL NEW JERSEY		8,397		9,136		8.8		
	NEW MEXICO								
85420	ALBUQUERQUE VOC-TECH INST	ALBUQUERQUE	0	F	0			Y	N
85401	ESTN NEW MEXICO L MAIN	PORTALES	123	E	95	E	22.8-	Y	Y
85401A	ESTN NEW MEXICO U ROSWELL	ROSWELL	5		2		60.0-	Y	Y
85417	INST AMERICAN INDIAN ARTS	SANTA FE	3		0		100.0-	Y	N
85411	NEW MEXICO ALBUQUERQUE, U	ALBUQUERQUE	613		547		10.8-	Y	Y
85411B	NEW MEXICO GALLUP, U OF	GALLUP	13		6		53.8-	Y	Y
85406	NEW MEXICO HIGHLANDS UNIV	LAS VEGAS	12		17		41.7	Y	Y

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85407	NEW MEXICO INST OF MINING	SOCORRO	154		151		1.9-	Y	Y
85408	NEW MEXICO JR COLL	HOBBS	12		9		25.0-	Y	Y
85409	NEW MEXICO MILITARY INST	ROSWELL	18		15		16.7-	Y	Y
85410A	NEW MEXICO ST U ALAMOGRDO	ALAMOGORDO	0		0			Y	N
85410B	NEW MEXICO ST U CARLSBAD	CARLSBAD	0			N		N	N
85410C	NEW MEXICO ST U GRANTS	GRANTS	0		0			Y	N
85410	NEW MEXICO ST U MAIN	LAS CRUCES	501		503		0.4	Y	Y
85418	NTHN NEW MEXICO CMTY COLL	ESPANOLA	0		13		**	Y	Y
85410D	SAN JUAN COLL	FARMINGTON	0		0			Y	N
85419	SANTA FE CMTY COLL	SANTA FE	1	E	4		300.0	Y	Y
85414	SANTA FE, COLL OF	SANTA FE	36		10		72.2-	Y	N
85415	SOUTHWEST, COLL OF THE	HOBBS	8		9		12.5	Y	Y
85412	ST JOHN'S COLL	SANTA FE	2		1		50.0-	Y	Y
85416	WESTERN NEW MEXICO UNIV	SILVER CITY	12		10		16.7-	Y	Y
	TOTAL NEW MEXICO		1,513		1,392		8.0-		
	NEW YORK								
21402	ADELPHI UNIV	GARDEN CITY	178		170		4.5-	Y	Y
21403	ADIRONDACK CMTY COLL	GLENS FALLS	9		6		33.3-	Y	Y
21400	AERONAUTICS, COLL OF	FLUSHING	43		43	L	0.0	Y	N
21722	ALBANY COLL OF PHARMACY	ALBANY	13		12		7.7-	Y	Y
21631A	ALBANY MEDICAL COLL	ALBANY	7		12		71.4	Y	Y
21404	ALFRED UNIV	ALFRED	77		76		1.3-	Y	Y
21676	AMER ACAD DRAMATIC ARTS	NEW YORK	31		29		6.5-	Y	Y
21412	BANK STREET COLL OF ED	NEW YORK	6		6	E	0.0	Y	Y
21413	BARD COLL	ANNANDLE-HUDSON	44		48		9.1	Y	Y
21460B	BARNARD COLL	NEW YORK		N	60	E	**	Y	N
21675	BERKELEY SCH-WHITE PLAINS	WHITE PLAINS	19		26		36.8	Y	Y
21728	BORICUA COLL	NEW YORK	0		0			Y	N
21741	BRAMSON ORT TECH INST	FOREST HILLS	0		0			Y	N
21420	BROOME CMTY COLL	BINGHAMTON	94		95		1.1	Y	Y
21423	CANISIUS COLL	BUFFALO	11		21		90.9	Y	Y
21426	CATHEDRAL C IMMAC CONCPTN	DOUGLASTON	0			C			
21411	CAYUGA CO CMTY COLL	AUBURN	4			N		N	N
21427	CAZENOVIA COLL	CAZENOVIA	4		3		25.0-	Y	Y
21724	CHRIST THE KING SEM	EAST AURORA	1		0		100.0-	Y	N
21450	CLARKSON UNIV	POTSDAM	316		322		1.9	Y	Y
21451	CLINTON CMTY COLL	PLATTSBURGH	3		2		33.3-	Y	Y
21453	COLGATE UNIV	HAMILTON	99		94		5.1-	Y	Y
21460F	COLUMBIA U TCHRS COLL	NEW YORK	401	F	626		56.1	Y	N
21460	COLUMBIA UNIV	NEW YORK	2,474		2,673		8.0	Y	Y
21470	COLUMBIA-GREENE CMTY COLL	HUDSON	1		0		100.0-	Y	N
21471	CONCORDIA COLL	BRONXVILLE	104		121		16.3	Y	Y
21472	COOPER UNION	NEW YORK	34		58		70.6	Y	Y
21473	CORNELL UNIV	ITHACA	1,878		2,027		7.9	Y	Y
21474	CORNING CMTY COLL	CORNING	3		11		266.7	Y	Y
21440A	CUNY BERNARD BARUCH COLL	NEW YORK	1,387	E	1,552	E	11.9	Y	Y
21440L	CUNY BORO OF MANHATTAN CC	NEW YORK	216		396		83.3	Y	Y
21440B	CUNY BRONX CMTY COLL	BRONX	34		80	E	135.3	Y	N
21440C	CUNY BROOKLYN COLL	BROOKLYN	547		495		9.5-	Y	Y
21440D	CUNY CITY COLL	NEW YORK	1,593		1,736	E	9.0	Y	N
21440G	CUNY GRAD SCH & UNIV CTR	NEW YORK	899		989		10.0	Y	Y
21440H	CUNY HUNTER COLL	NEW YORK	610	E	569	E	6.7-	Y	Y
21440I	CUNY JOHN JAY COLL	NEW YORK	65		60		7.7-	Y	Y
21440J	CUNY KINGSBOROUGH CMTY C	BROOKLYN	75	E	115	E	53.3	Y	N
21440F	CUNY LA GUARDIA CMTY COLL	LONG IS CITY	500		439		12.2-	Y	N
21440K	CUNY LEHMAN COLL	BRONX	218		234		7.3	Y	Y
21440M	CUNY MEDGAR EVERS COLL	BROOKLYN	101		110		8.9	Y	Y
21440O	CUNY NEW YORK CITY TECH C	BROOKLYN	204		221		8.3	Y	Y
21440P	CUNY QUEENS COLL	FLUSHING	900		980		8.9	Y	Y
21440Q	CUNY QUEENSBOROUGH CMTY C	BAYSIDE	102	E	96		5.9-	Y	Y
21440S	CUNY STATEN ISLAND, COLL	STATEN ISLAND	492		511	E	3.9	Y	Y
21440T	CUNY YORK COLL	JAMAICA	416		413		0.7-	Y	N
21478	D'YOUVILLE COLL	BUFFALO	29		23		20.7-	Y	Y
21586	DAEMEN COLL	AMHERST	12		12	L	0.0	Y	N

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21475	DOMINICAN COLL BLAUVELT	ORANGEBURG	9 E	5 E	44.4-	Y	Y
21476	DOWLING COLL	OAKDALE	26	26 L	0.0	Y	N
21477	DUTCHESS CMTY COLL	POUGHKEEPSIE	41	30	26.8-	Y	Y
21480	ELIZABETH SETON COLL	YONKERS	11	3	72.7-	Y	Y
21481	ELMIRA COLL	ELMIRA	70	56	20.0-	Y	Y
21482	ERIE CMTY COLL-NORTH	AMHERST	89 E	104	16.9	Y	Y
21484	FASHION INST TECHNOLOGY	NEW YORK	223	280	25.6	Y	Y
21486	FINGER LAKES, CMTY COLL	CANANDAIGUA	1	1	0.0	Y	Y
21649	FIVE TOWNS COLL	SEAFORD	2	4	100.0	Y	Y
21487	FORDHAM UNIV	BRONX	200 E	252 E	26.0	Y	Y
21488	FRIENDS WORLD COLL	HUNTINGTON	16	8	50.0-	Y	Y
21489	FULTON-MONTGOMERY CMTY C	JOHNSTOWN	34	32	5.9-	Y	Y
21490	GENERAL THEOLOGICAL SEM	NEW YORK	6	3	50.0-	Y	Y
21491	GENESEE CMTY COLL	BATAVIA	4	2	50.0-	Y	Y
21492	HAMILTON COLL	CLINTON	50	68	36.0	Y	Y
21494	HARTWICK COLL	ONEONTA	19	18	5.3-	Y	Y
21496	HEBREW UNION C NY BRANCH	NEW YORK	2	3	50.0	Y	Y
21750	HELENE FULD SCH NURSING	NEW YORK	0	0		Y	N
21497	HERKIMER CO CMTY COLL	HERKIMER	1	3	200.0	Y	Y
21498	HILBERT COLL	HAMBURG	1	2	100.0	Y	Y
21499	HOBART & WM SMITH COLLS	GENEVA	39	39	0.0	Y	Y
21500	HOFSTRA UNIV	HEMPSTEAD	244	243	0.4-	Y	Y
21502	HOUGHTON COLL	HOUGHTON	51	51	0.0	Y	Y
21503	HUDSON VALLEY CMTY COLL	TROY	35	26	25.7-	Y	Y
21693	HUMAN SERVICES, COLL FOR	NEW YORK	0	0		Y	N
21653	INSURANCE, COLL OF	NEW YORK	48 E	38	20.8-	Y	Y
21506	IONA COLL	NEW ROCHELLE	97 E	81	16.5-	Y	Y
21507	ITHACA COLL	ITHACA	54	54	0.0	Y	Y
21508	JAMESTOWN CMTY COLL	JAMESTOWN	17	9	47.1-	Y	Y
21509	JEFFERSON CMTY COLL	WATERTOWN	5	0	100.0-	Y	N
21510	JEWISH THEOL SEM AMERICA	NEW YORK	63	55	12.7-	Y	N
21511	JUILLIARD SCH, THE	NEW YORK	300 E	300	0.0	Y	N
21512	KEUKA COLL	KEUKA PARK	0	2	**	Y	Y
21514	KING'S COLL	BRIARCLF MANOR	11	15	36.4	Y	Y
21677	LAB INST OF MERCHANDISING	NEW YORK	5	6	20.0	Y	Y
21519	LE MOYNE COLL	SYRACUSE	20 E	10	50.0-	Y	Y
21520A	LONG IS U BROOKLYN CENTER	BROOKLYN	310	310 L	0.0	Y	N
21520C	LONG IS U C W POST CAMPUS	GREENVALE	411	489	19.0	Y	N
21520D	LONG IS U SOUTHAMPTON CTR	SOUTHAMPTON	20	19	5.0-	Y	Y
21523	MANHATTAN COLL	RIVERDALE	170	150	11.8-	Y	Y
21524	MANHATTAN SCH OF MUSIC	NEW YORK	148	198	33.8	Y	Y
21525	MANHATTANVILLE COLL	PURCHASE	132	169	28.0	Y	Y
21526	MANNES COLL OF MUSIC	NEW YORK	45 E	59	31.1	Y	Y
21527	MARIA COLL OF ALBANY	ALBANY	1	3	200.0	Y	Y
21528	MARIA REGINA COLL	SYRACUSE	2	C			
21529	MARIST COLL	POUGHKEEPSIE	26	28 E	7.7	Y	N
21531	MARYKNOLL SCH OF THEOLOGY	MARYKNOLL	24	18	25.0-	Y	Y
21532	MARYMOUNT COLL	TARRYTOWN	13	19	46.2	Y	Y
21533	MARYMOUNT MANHATTAN COLL	NEW YORK	0	N		N	N
21534	MATER DEI COLL	OGDENSBURG	1	1	0.0	Y	Y
21535	MEDAILLE COLL	BUFFALO	0	0		Y	N
21538	MERCY COLL	DOBBS FERRY	130 E	121	6.9-	Y	Y
21541	MOHAWK VALLEY CMTY COLL	UTICA	32	44	37.5	Y	Y
21542	MOLLOY COLL	ROCKVILLE CTR	2	4	100.0	Y	Y
21543	MONROE CMTY COLL	ROCHESTER	65	63	3.1-	Y	Y
21546	MT ST MARY COLL	NEWBURGH	4	22	450.0	Y	Y
21547	MT ST VINCENT, COLL OF	RIVERDALE	19	10	47.4-	Y	Y
21548	NASSAU CMTY COLL	GARDEN CITY	26	303	065.4	Y	Y
21551	NAZARETH COLL ROCHESTER	ROCHESTER	6 E	12 E	100.0	Y	N
21552	NEW ROCHELLE, COLL OF	NEW ROCHELLE	14	42	200.0	Y	Y
21553	NEW SCH FOR SOC RESEARCH	NEW YORK	790 E	801	1.4	Y	Y
21721	NEW YORK CHIROPRCTIC COLL	GLEN HEAD	6 E	6	0.0	Y	Y
21558Y	NEW YORK I TECHN CAMPUSES	CENTRAL ISLIP	1,072 E	1,197	11.7	Y	Y
21562	NEW YORK UNIV	NEW YORK	2,072	2,026	2.2-	Y	Y
21564	NIAGARA CO CMTY COLL	SANBORN	9	14	55.6	Y	Y
21565	NIAGARA UNIV	NIAGARA UNIV	76	88	15.8	Y	Y
21566	NORTH COUNTRY CMTY COLL	SARANAC LAKE	5	2	60.0-	Y	Y

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21567	NYACK COLL	NYACK	36		40		11.1	Y	Y
21568	ONONDAGA CMTY COLL	SYRACUSE	51		30	E	41.2-	Y	Y
21569	ORANGE CO CMTY COLL	MIDDLETOWN	15		25		66.7	Y	Y
21571	PACE UNIV NEW YORK	NEW YORK	359		406		13.1	Y	Y
21571A	PACE UNIV PLEASANTVILLE	PLEASANTVILLE	25	E	44		76.0	Y	Y
21644	PACE UNIV WHITE PLAINS	WHITE PLAINS	107		67		37.4-	Y	Y
21575	PAUL SMITH'S COLL	PAUL SMITHS	38		41		7.9	Y	Y
21576	POLYTECHNIC UNIV	BROOKLYN	530	E	620	E	17.0	Y	Y
21577	PRATT INST	BROOKLYN	450	E	443		1.6-	Y	Y
21580	RENSSELAER POLY INST	TROY	675		684	E	1.3	Y	Y
21581	ROBERTS WESLEYAN COLL	ROCHESTER	54		58		7.4	Y	Y
21582	ROCHESTER INST TECHNOLOGY	ROCHESTER	373		402		7.8	Y	Y
21583	ROCHESTER, UNIV OF	ROCHESTER	844		978	E	15.9	Y	Y
21585	ROCKLAND CMTY COLL	SUFFERN	253	E	241		4.7-	Y	Y
21587	RUSSELL SAGE COLL	TROY	22	E	25	E	13.6	Y	N
21587A	RUSSELL SAGE JC OF ALBANY	ALBANY	14		12		14.3-	Y	Y
21600	SARAH LAWRENCE COLL	BRONXVILLE	68		76		11.8	Y	Y
21601	SCHENECTADY CO CMTY COLL	SCHENECTADY	1		0		100.0-	Y	N
21652	SEM IMMACULATE CONCEPTION	HUNTINGTON	0		1		**	Y	Y
21602	SIENA COLL	LOUDONVILLE	13		7		46.2-	Y	Y
21603	SKIDMORE COLL	SARATOGA SPRNGS	29		28		3.4-	Y	Y
21590	ST BONAVENTURE UNIV	ST BONAVENTURE	36		38		5.6	Y	Y
21592	ST FRANCIS COLL	BROOKLYN	90		82	E	8.9-	Y	Y
21593	ST JOHN FISHER COLL	ROCHESTER	23		27		17.4	Y	Y
21594	ST JOHN'S UNIV	JAMAICA	574		634		10.5	Y	Y
21595	ST JOSEPH'S COLL MAIN CAM	BROOKLYN	15	L		N		N	N
21595A	ST JOSEPH'S COLL PATCHGUE	PATCHOGUE	1		1		0.0	Y	Y
21596	ST JOSEPH'S SEM & COLL	YONKERS	4		4		0.0	Y	Y
21597	ST LAWRENCE UNIV	CANTON	64		73		14.1	Y	Y
21598	ST ROSE, COLL OF	ALBANY	31		29		6.5-	Y	Y
21599	ST THOMAS AQUINAS COLL	SPARKILL	6			N		N	N
21748	SUFFOLK CO CC-EAST	RIVERHEAD	1		2		100.0	Y	Y
21620	SUFFOLK CO CC-SELDEN	SELDEN	8		12		50.0	Y	Y
21749	SUFFOLK CO CC-WEST	BRENTWOOD	1		2		100.0	Y	Y
21621	SULLIVAN CO CMTY COLL	LOCH SHELDRAKE	2		3		50.0	Y	Y
21610B	SUNY AGRL TECH C CANTON	CANTON	5		5		0.0	Y	Y
21610C	SUNY AGRL TECH C COBLESKL	COBLESKILL	3		6		100.0	Y	Y
21610D	SUNY AGRL TECH C DELHI	DELHI	0		2		**	Y	Y
21610E	SUNY AGRL TECH C FARMNGDL	FARMINGDALE	23		18		21.7-	Y	Y
21610F	SUNY AGRL TECH C MORRISVL	MORRISVILLE	6		8		33.3	Y	Y
21610G	SUNY AT ALBANY	ALBANY	743		832		12.0	Y	Y
21610H	SUNY AT BINGHAMTON	BINGHAMTON	373		472		26.5	Y	Y
21610I	SUNY AT BUFFALO	BUFFALO	2,113		2,242		6.1	Y	Y
21610K	SUNY AT STONY BK MAIN CAM	STONY BROOK	1,356		1,520		12.1	Y	Y
21610N	SUNY COLL AT BROCKPORT	BROCKPORT	85		69		18.8-	Y	Y
21610O	SUNY COLL AT BUFFALO	BUFFALO	163		191		17.2	Y	Y
21610Q	SUNY COLL AT CORTLAND	CORTLAND	35		36		2.9	Y	Y
21610S	SUNY COLL AT FREDONIA	FREDONIA	20		12		40.0-	Y	Y
21610T	SUNY COLL AT GENESEO	GENESEO	3		5		66.7	Y	Y
21610X	SUNY COLL AT NEW PALTZ	NEW PALTZ	133	E	193		45.1	Y	Y
21611A	SUNY COLL AT OLD WESTBURY	OLD WESTBURY	83		100	E	20.5	Y	N
21611B	SUNY COLL AT ONEONTA	ONEONTA	70	E	70	L	0.0	Y	N
21611C	SUNY COLL AT OSWEGO	OSWEGO	27		25		7.4-	Y	Y
21611D	SUNY COLL AT PLATTSBURGH	PLATTSBURGH	71		71		0.0	Y	N
21611E	SUNY COLL AT POTSDAM	POTSDAM	36		38		5.6	Y	Y
21611F	SUNY COLL AT PURCHASE	PURCHASE	49		53		8.2	Y	Y
21622B	SUNY COLL ENV SCI& FRSTRY	SYRACUSE	114		131		14.9	Y	Y
21610U	SUNY COLL TECH UTICA/ROME	UTICA	55		45		18.2-	Y	Y
21610A	SUNY COLL TECHNOL ALFRED	ALFRED	11		15		36.4	Y	Y
21611L	SUNY EMPIRE STATE COLL	SARATOGA SPRNGS	18		16		11.1-	Y	Y
21611G	SUNY HEALTH SCI CTR BKLYN	BROOKLYN	44		62		40.9	Y	Y
21611J	SUNY HEALTH SCI CTR SYRAC	SYRACUSE	25		41		64.0	Y	Y
21611H	SUNY MARITIME COLL	BRONX	62		216	E	248.4	Y	N
21611M	SUNY STATE COLL OPTOMETRY	NEW YORK		N		N		N	N
21622	SYRACUSE UNIV MAIN CAMPUS	SYRACUSE	1,452		1,527		5.2	Y	Y
21622A	SYRACUSE UNIV UTICA COLL	UTICA	10		9		10.0-	Y	Y
21623	TOMPKINS-CORTLAND CMTY C	DRYDEN	47		29		38.3-	Y	Y

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21624	TOURO COLL	NEW YORK	150 E	80	46.7-	Y	N
21626	TROCAIRE COLL	BUFFALO	5	3	40.0-	Y	Y
21629	ULSTER CO CMTY COLL	STONE RIDGE	10	6	40.0-	Y	Y
21631	UNION COLL	SCHENECTADY	36	38	5.6	Y	Y
21630	UNION THEOLOGICAL SEM	NEW YORK	35	30	14.3-	Y	N
21632	US MERCHANT MARINE ACAD	KINGS POINT	30	17	43.3-	Y	Y
21633	US MILITARY ACAD	WEST POINT	26	32	23.1	Y	Y
21634	VASSAR COLL	POUGHKEEPSIE	50	72	44.0	Y	Y
21635	VILLA MARIA COLL BUFFALO	BUFFALO	2	4	100.0	Y	Y
21678	VISUAL ARTS, SCH OF	NEW YORK	108	160	48.1	Y	Y
21637	WADHAMS HALL SEM & COLL	OGDENSBURG	25	25	0.0	Y	Y
21638	WAGNER COLL	STATEN ISLAND	231	229	0.9-	Y	Y
21641	WELLS COLL	AURORA	3	3	0.0	Y	Y
21643	WESTCHESTER CMTY COLL	VALHALLA	94 E	114	21.3	Y	Y
21646	YESHIVA UNIV	NEW YORK	161	176	9.3	Y	Y
	TOTAL NEW YORK		34,693	37,802	9.0		
	NORTH CAROLINA						
56401	ALBEMARLE, COLL OF THE	ELIZABETH CITY	2	0	100.0-	Y	N
56492	ANSON TECHNICAL COLL	ANSONVILLE	0	0		Y	N
56450K	APPALACHIAN STATE UNIV	BOONE	42	50	19.0	Y	Y
56403	ASHEVL BUNCOMBE TECH INST	ASHEVILLE	10	8	20.0-	Y	Y
56404	ATLANTIC CHRISTIAN COLL	WILSON	14	15	7.1	Y	Y
56405	BARBER-SCOTIA COLL	CONCORD	1	N		N	N
56519	BEAUFORT COUNTY CMTY COLL	WASHINGTON	0	0		Y	N
56406	BELMONT ABBEY COLL	BELMONT	15	24	60.0	Y	Y
56407	BENNETT COLL	GREENSBORO	15	15 L	0.0	Y	N
56514	BLADEN CMTY COLL	DUBLIN	0	0		Y	N
56489	BLUE RIDGE CMTY COLL	FLAT ROCK	1	2	100.0	Y	Y
56408	BREVARD COLL	BREVARD	23	33	43.5	Y	Y
56539	BRUNSWICK CMTY COLL	SUPPLY	0	0		Y	N
56488	CALDWELL CC & TECH INST	HUDSON	0	0		Y	N
56409	CAMPBELL UNIV	BUIES CREEK	70	65	7.1-	Y	Y
56410	CAPE FEAR TECHNICAL INST	WILMINGTON	4	5	25.0	Y	Y
56509	CARTERET CMTY COLL	MOREHEAD CITY	0	0		Y	N
56411	CATAWBA COLL	SALISBURY	9	12 E	33.3	Y	N
56494	CATAWBA VALLEY CMTY COLL	HICKORY	0	0		Y	N
56491	CEN CAROLINA TECH COLL	SANFORD	1	0	100.0-	Y	N
56412	CEN PIEDMONT CMTY COLL	CHARLOTTE	673	715	6.2	Y	Y
56413	CHOWAN COLL	MURFREESBORO	31	36	16.1	Y	Y
56510	CLEVELAND TECH COLL	SHELBY	1	0	100.0-	Y	N
56493	COASTAL CAROLINA CC	JACKSONVILLE	3	3	0.0	Y	Y
56504	CRAVEN CMTY COLL	NEW BERN	1	1	0.0	Y	Y
56414	DAVIDSON COLL	DAVIDSON	42	59	40.5	Y	Y
56415	DAVIDSON COUNTY CMTY COLL	LEXINGTON	1	1	0.0	Y	Y
56416	DUKE UNIV	DURHAM	470 E	498 E	6.0	Y	Y
56502	DURHAM TECH CMTY COLL	DURHAM	114 E	95 E	16.7-	Y	Y
56450H	EAST CAROLINA UNIV	GREENVILLE	106	95	10.4-	Y	Y
56490	EDGECOMBE TECHNICAL COLL	TARBORO	0	2	**	Y	Y
56450L	ELIZABETH CITY STATE UNIV	ELIZABETH CITY	8	9	12.5	Y	Y
56419	ELON COLL	ELON COLLEGE	15	22	46.7	Y	Y
56450M	FAYETTEVILLE STATE UNIV	FAYETTEVILLE	3	2	33.3-	Y	Y
56421	FAYETTEVILLE TECH INST	FAYETTEVILLE	8	2 E	75.0-	Y	Y
56422	FORSYTH TECH CMTY COLL	WINSTON-SALEM	0	0		Y	N
56423	GARDNER-WEBB COLL	BOILING SPRINGS	14	20	42.9	Y	Y
56424	GASTON COLL	DALLAS	0	0		Y	N
56425	GREENSBORO COLL	GREENSBORO	17	21	23.5	Y	Y
56426	GUILFORD COLL	GREENSBORO	58	58	0.0	Y	Y
56508	GUILFORD TECHNICAL INST	JAMESTOWN	59	35	40.7-	Y	Y
56513	HALIFAX CMTY COLL	WELDON	1	0	100.0-	Y	N
56511	HAYWOOD TECHNICAL COLL	CLYDE	0	N		N	N
56427	HIGH POINT COLL	HIGH POINT	22	30 E	36.4	Y	N
56428	ISOTHERMAL CMTY COLL	SPINDALE	0	1	**	Y	Y
56429	JAMES SPRUNT CMTY COLL	KENANSVILLE	0	0		Y	N
56431	JOHNSON C SMITH UNIV	CHARLOTTE	10	4	60.0-	Y	Y

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56521	JOHNSTON TECHNICAL COLL	SMITHFIELD	2		0		100.0-	Y	N
56434	LEES-MCRAE COLL	BANNER ELK	11		10		9.1-	Y	Y
56435	LENOIR CMTY COLL	KINSTON	0		1		**	Y	N
56436	LENOIR-RHYNE COLL	HICKORY	5		7		40.0	Y	Y
56437	LIVINGSTONE COLL	SALISBURY	21		28		33.3	Y	Y
56438	LOUISBURG COLL	LOUISBURG	3		4		33.3	Y	Y
56439	MARS HILL COLL	MARS HILL	12		13		8.3	Y	Y
56499	MARTIN CMTY COLL	WILLIAMSTON	0		0			Y	N
56524	MAYLAND CMTY COLL	SPRUCE PINE	1		1		0.0	Y	Y
56512	MCDOWELL TECHNICAL COLL	MARION	0		0			Y	N
56440	MEREDITH COLL	RALEIGH	10		14		40.0	Y	Y
56441	METHODIST COLL	FAYETTEVILLE	12		26		116.7	Y	Y
56442	MITCHELL CMTY COLL	STATESVILLE	0		0			Y	N
56527	MONTGOMERY CMTY COLL	TROY	0		0			Y	N
56444	MONTREAT-ANDERSON COLL	MONTREAT	8		17		112.5	Y	Y
56445	MOUNT OLIVE COLL	MOUNT OLIVE	1		2		100.0	Y	Y
56500	NASH TECHNICAL COLL	ROCKY MOUNT	1		0		100.0-	Y	N
56450N	NC AGRL & TECH STATE UNIV	GREENSBORO	209		162		22.5-	Y	Y
56450D	NC AT ASHEVILLE, UNIV OF	ASHEVILLE	27		25		7.4-	Y	Y
56450	NC AT CHAPEL HILL, U OF	CHAPEL HILL	603		636		5.5	Y	Y
56450E	NC AT CHARLOTTE, UNIV OF	CHARLOTTE	481		489	E	1.7	Y	Y
56450F	NC AT GREENSBORO, UNIV OF	GREENSBORO	199		163		18.1-	Y	Y
56450G	NC AT WILMINGTON, UNIV OF	WILMINGTON	13		11		15.4-	Y	Y
56450O	NC CENTRAL UNIV	DURHAM	77		93		20.8	Y	Y
56450P	NC SCH OF THE ARTS	WINSTON-SALEM	8		15		87.5	Y	Y
56450C	NC STATE UNIV RALEIGH	RALEIGH	1,049		1,049		0.0	Y	Y
56460	NC WESLEYAN COLL	ROCKY MOUNT	12		15		25.0	Y	Y
56501	PAMLICO CMTY COLL	GRANTSBORO	0		0			Y	N
56462	PEACE COLL	RALEIGH	1		1		0.0	Y	Y
56450Q	PEMBROKE STATE UNIV	PEMBROKE	8		7		12.5-	Y	Y
56464	PFEIFFER COLL	MISENHEIMER	22		14		36.4-	Y	Y
56506	PIEDMONT TECHNICAL COLL	ROXBORO	0		9		**	Y	Y
56507	PITT CMTY COLL	GREENVILLE	7		5		28.6-	Y	Y
56466	QUEENS COLL	CHARLOTTE	10		29		190.0	Y	Y
56515	RANDOLPH TECHNICAL COLL	ASHEBORO	2		2		0.0	Y	Y
56516	RICHMOND CMTY COLL	HAMLET	0		0			Y	N
56503	ROANOKE-CHOWAN CMTY COLL	AHOSKIE	0		0			Y	N
56520	ROBESON CMTY COLL	LUMBERTON	1		0		100.0-	Y	N
56467	ROCKINGHAM CMTY COLL	WENTWORTH	2		3		50.0	Y	Y
56517	ROWAN TECHNICAL COLL	SALISBURY	5		5		0.0	Y	N
56472	SALEM COLL	WINSTON-SALEM	4		8		100.0	Y	Y
56505	SAMPSON TECHNICAL COLL	CLINTON	0		0			Y	N
56473	SANDHILLS CMTY COLL	CARTHAGE	3		3		0.0	Y	Y
56474	SHAW UNIV	RALEIGH	150	E	150	E	0.0	Y	Y
56518	SOUTHWESTERN CMTY COLL	SYLVA	0		0			Y	N
56469	ST ANDREW'S PRESB COLL	LAURINBURG	25		33		32.0	Y	Y
56470	ST AUGUSTINE'S COLL	RALEIGH	198		160	E	19.2-	Y	N
56471	ST MARY'S COLL	RALEIGH	11		10		9.1-	Y	Y
56495	STANLY TECHNICAL COLL	ALBEMARLE	0		0			Y	N
56475	STHESTN BAPTIST THEOL SEM	WAKE FOREST	24		18		25.0-	Y	Y
56476	STHESTN CMTY COLL	WHITEVILLE	1		0		100.0-	Y	N
56478	SURRY CMTY COLL	DOBSON	0		0			Y	N
56400	TECH INST OF ALAMANCE	HAW RIVER	0		0			Y	N
56522	TRI-COUNTY CMTY COLL	MURPHY	0		0			Y	N
56523	VANCE-GRANVILLE CMTY COLL	HENDERSON	4		3		25.0-	Y	Y
56479	WAKE FOREST UNIV	WINSTON-SALEM	69		85	E	23.2	Y	N
56498	WAKE TECHNICAL COLL	RALEIGH	97	E	97	L	0.0	Y	N
56480	WARREN WILSON COLL	SWANNANOA	41		38		7.3-	Y	Y
56481	WAYNE CMTY COLL	GOLDSBORO	3		4		33.3	Y	Y
56450R	WESTERN CAROLINA UNIV	CULLOWHEE	68		61		10.3-	Y	Y
56483	WESTERN PIEDMONT CC	MORGANTON	1		2		100.0	Y	Y
56484	WILKES CMTY COLL	WILKESBORO	4		2		50.0-	Y	Y
56497	WILSON CO TECHNICAL COLL	WILSON	0		0			Y	N
56485	WINGATE COLL	WINGATE	14		11		21.4-	Y	Y
56450S	WINSTON-SALEM STATE UNIV	WINSTON-SALEM	3		0		100.0-	Y	N
	TOTAL NORTH CAROLINA		5,407		5,479		1.3		

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	NORTH DAKOTA								
44400	BISMARCK STATE COLL	BISMARCK	1		6		500.0	Y	Y
44401	DICKINSON STATE UNIV	DICKINSON	9		10		11.1	Y	Y
44415	FORT BETHOLD CMTY COLL	NEW TOWN	0		0			Y	N
44402	JAMESTOWN COLL	JAMESTOWN	10		21		110.0	Y	Y
44416	LITTLE HOOP CMTY COLL	FORT TOTTEN	0			N		N	N
44404	MARY, UNIV OF	BISMARCK	10	E	10	E	0.0	Y	Y
44405	MAYVILLE STATE UNIV	MAYVILLE	36		38		5.6	Y	Y
44406	MINOT STATE UNIV	MINOT	159		197		23.9	Y	Y
44403	ND LAKE REGION, UNIV OF	DEVILS LAKE	6		4		33.3-	Y	Y
44409	ND MAIN CAMPUS, UNIV OF	GRAND FORKS	400	E	425		6.3	Y	Y
44407	ND STATE COLL OF SCIENCE	WAHPETON	34		31		8.8-	Y	Y
44408A	ND STATE U BOTTINEAU	BOTTINEAU	26		29		11.5	Y	Y
44408	ND STATE U MAIN CAMPUS	FARGO	382		373		2.4-	Y	Y
44409B	ND WILLISTON CENTER,U OF	WILLISTON	3		1		66.7-	Y	Y
44413	STANDING ROCK COLL	FORT YATES	0		0			Y	N
44414	TURTLE MOUNTAIN CMTY COLL	BELCOURT	0		0			Y	N
44410	VALLEY CITY STATE UNIV	VALLEY CITY	14		18		28.6	Y	Y
	TOTAL NORTH DAKOTA		1,090		1,163		6.7		
	OHIO								
31400	AIR FORCE INST TECHNOLOGY	WRGHT-PTRSN AFB	21		30		42.9	Y	Y
31401	AKRON MAIN CAMPUS, U OF	AKRON	891		1,098		23.2	Y	Y
31401A	AKRON WAYNE GEN TECH C, U	ORRVILLE	0		0			Y	N
31402	ANTIOCH UNIV	YELLOW SPRINGS	42		65		54.8	Y	Y
31404	ASHLAND COLL	ASHLAND	107		104		2.8-	Y	Y
31404A	ASHLAND THEOLOGICAL SEM	ASHLAND	12		12		0.0	Y	N
31405	ATHENAEUM OF OHIO	CINCINNATI	0		0			Y	N
31406	BALDWIN-WALLACE COLL	BEREA	53		39		26.4-	Y	Y
31561	BELMONT TECHNICAL COLL	ST CLAIRSVILLE	0		0			Y	N
31408	BLUFFTON COLL	BLUFFTON	13		20		53.8	Y	Y
31409	BORROMEO COLL OF OHIO	WICKLIFFE	1		0		100.0-	Y	N
31410A	BOWLING GRN ST U FIRELNDS	HURON	0		0			Y	N
31410	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	374		376		0.5	Y	Y
31411	CAPITAL UNIV	COLUMBUS	28		23		17.9-	Y	Y
31412	CASE WESTERN RESERVE UNIV	CLEVELAND	1,055		976		7.5-	Y	N
31413	CEDARVILLE COLL	CEDARVILLE	19	E	19		0.0	Y	Y
31568	CENTRAL OHIO TECH COLL	NEWARK	2		3		50.0	Y	Y
31414	CENTRAL STATE UNIV	WILBERFORCE	95		49		48.4-	Y	Y
31565	CHATFIELD COLL	SAINT MARTIN	0			N		N	N
31572	CINCINNATI C MORTUARY SCI	CINCINNATI	3		1		66.7-	Y	Y
31417C	CINCINNATI CLERMONT C, U	BATAVIA	0		0			Y	N
31563	CINCINNATI TECH COLL	CINCINNATI	14		15		7.1	Y	Y
31417	CINCINNATI, UNIV OF	CINCINNATI	905		900	E	0.6-	Y	N
31538	CLARK TECHNICAL COLL	SPRINGFIELD	9		4		55.6-	Y	Y
31551	CLEVELAND C JEWISH STDIES	BEACHWOOD	0			N		N	N
31418	CLEVELAND INST OF ART	CLEVELAND	5		8		60.0	Y	Y
31419	CLEVELAND INST OF MUSIC	CLEVELAND	41		46		12.2	Y	Y
31421	CLEVELAND STATE UNIV	CLEVELAND	330		316		4.2-	Y	Y
31556	COLUMBUS COLL ART & DSGN	COLUMBUS	33	E	24		27.3-	Y	Y
31537	COLUMBUS STATE CMTY COLL	COLUMBUS	43		65		51.2	Y	Y
31422C	CUYAHOGA CC EASTERN CAM	WARRENSVL TWNSP	22	L	23	E	4.5	Y	N
31422A	CUYAHOGA CC METRO CAM	CLEVELAND	206	E	250	E	21.4	Y	Y
31422B	CUYAHOGA CC WESTERN CAM	PARMA HEIGHTS	26		23		11.5-	Y	Y
31423	DAYTON, UNIV OF	DAYTON	208		207		0.5-	Y	Y
31424	DEFIANCE COLL	DEFIANCE	24		20		16.7-	Y	Y
31425	DENISON UNIV	GRANVILLE	38		37		2.6-	Y	N
31427	DEVRY INST OF TECHNOLOGY	COLUMBUS	48		40		16.7-	Y	N
31426	DYKE COLL	CLEVELAND	15	E	20	E	33.3	Y	N
31552	EDISON STATE CMTY COLL	PIQUA	7		3		57.1-	Y	Y
31430	FINDLAY COLL	FINDLAY	88		101		14.8	Y	Y
31521	FRANCISCAN U STEUBENVILLE	STEUBENVILLE	40		44		10.0	Y	Y
31432	FRANKLIN UNIV	COLUMBUS	56		45		19.6-	Y	Y

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31433	HEBREW UNION COLL	CINCINNATI	9		9		0.0	Y	Y
31434	HEIDELBERG COLL	TIFFIN	32		32		0.0	Y	Y
31435	HIRAM COLL	HIRAM	3		4		33.3	Y	Y
31543	HOCKING TECHNICAL COLL	NELSONVILLE	34		34	L	0.0	Y	N
31437	JEFFERSON TECHNICAL COLL	STEUBENVILLE	1		2		100.0	Y	Y
31438	JOHN CARROLL UNIV	UNIV HEIGHTS	20		36		80.0	Y	Y
31440A	KENT ST ASHTABULA CAMPUS	ASHTABULA	0		1		**	Y	Y
31440B	KENT ST E LIVERPL REG CAM	E LIVERPOOL	0		0			Y	N
31440C	KENT ST SALEM REG CAM	SALEM	0		0			Y	N
31440D	KENT ST STARK CAMPUS	CANTON	0		0			Y	N
31440E	KENT ST TRUMBULL REG CAM	WARREN	0		0			Y	N
31440F	KENT ST TUSCARAWS REG CAM	NEW PHILA	0		1		**	Y	Y
31440	KENT STATE U MAIN CAMPUS	KENT	437		495		13.3	Y	Y
31450	KENYON COLL	GAMBIER	22		30		36.4	Y	Y
31548	KETTERING C MEDICAL ARTS	KETTERING	12		8		33.3-	Y	Y
31452	LAKE ERIE COLL	PAINESVILLE	6			N		N	N
31453	LAKELAND CMTY COLL	MENTOR	13	E	3		76.9-	Y	Y
31562	LIMA TECHNICAL COLL	LIMA	6		9		50.0	Y	Y
31454	LORAIN COUNTY CMTY COLL	ELYRIA	6			N		N	N
31455	LOURDES COLL	SYLVANIA	1		0		100.0-	Y	N
31456	MALONE COLL	CANTON	8		8		0.0	Y	Y
31457	MARIETTA COLL	MARIETTA	17		20		17.6	Y	Y
31564	MARION TECHNICAL COLL	MARION	2		1		50.0-	Y	Y
31459	MEDL COLL OHIO AT TOLEDO	TOLEDO	31		65		109.7	Y	Y
31460	METHODIST THEOL SCH OHIO	DELAWARE	4		5		25.0	Y	Y
31461A	MIAMI UNIV HAMILTON	HAMILTON	0		1		**	Y	Y
31461B	MIAMI UNIV MIDDLETOWN	MIDDLETOWN	0		0			Y	N
31461	MIAMI UNIV OXFORD	OXFORD	243		248		2.1	Y	Y
31546	MICHAEL J OWENS TECH COLL	TOLEDO	14		15		7.1	Y	N
31463	MOUNT ST JOSEPH, COLL OF	MT ST JOSEPH	43		54		25.6	Y	Y
31464	MOUNT UNION COLL	ALLIANCE	38		51		34.2	Y	Y
31465	MOUNT VERNON NAZARENE C	MOUNT VERNON	4		6		50.0	Y	Y
31466	MUSKINGUM COLL	NEW CONCORD	21		20		4.8-	Y	Y
31540	MUSKINGUM TECHNICAL COLL	ZANESVILLE	0			N		N	N
31559	NORTH CENTRAL TECH COLL	MANSFIELD	1		0		100.0-	Y	N
31541	NORTHWEST TECHNICAL COLL	ARCHBOLD	1		5		400.0	Y	Y
31467	NOTRE DAME COLL	CLEVELAND	7		13		85.7	Y	Y
31468	OBERLIN COLL	OBERLIN	70		91		30.0	Y	Y
31469	OHIO COLL PODIATRIC MED	CLEVELAND	17		6		64.7-	Y	Y
31470	OHIO DOMINICAN COLL	COLUMBUS	99		107		8.1	Y	Y
31471	OHIO NORTHERN UNIV	ADA	52		44	E	15.4-	Y	N
31480F	OHIO STATE U AG INST TECH	WOOSTER	3		7		133.3	Y	Y
31480	OHIO STATE U MAIN CAMPUS	COLUMBUS	2,756		2,790		1.2	Y	Y
31500A	OHIO UNIV BELMONT	ST CLAIRSVILLE	0		0			Y	N
31500B	OHIO UNIV CHILLICOTHE	CHILLICOTHE	0		0			Y	N
31500D	OHIO UNIV LANCASTER	LANCASTER	0			N		N	N
31500	OHIO UNIV MAIN CAMPUS	ATHENS	1,367	E	1,253		8.3-	Y	Y
31510	OHIO WESLEYAN UNIV	DELAWARE	93		88		5.4-	Y	Y
31511	OTTERBEIN COLL	WESTERVILLE	40		37		7.5-	Y	Y
31512	PONTIFICAL C JOSEPHINUM	COLUMBUS	12		21		75.0	Y	Y
31514	RIO GRANDE COLL	RIO GRANDE	31		34		9.7	Y	N
31550	SHAWNEE STATE UNIV	PORTSMOUTH	1		3		200.0	Y	Y
31520	SINCLAIR CMTY COLL	DAYTON	27		43		59.3	Y	Y
31558	SOUTHERN OHIO COLL	CINCINNATI	2			N		N	N
31569	SOUTHERN STATE CMTY COLL	HILLSBORO	1		1		0.0	Y	Y
31519	ST MARY SEM	CLEVELAND	0			N		N	N
31566	STARK TECHNICAL COLL	CANTON	1		0		100.0-	Y	N
31560	TERRA TECHNICAL COLL	FREMONT	3		2		33.3-	Y	Y
31522	TIFFIN UNIV	TIFFIN	16		17		6.3	Y	Y
31523	TOLEDO, THE UNIV OF	TOLEDO	1,756		1,712		2.5-	Y	Y
31571	TRINITY LUTHERAN SEM	COLUMBUS	10		10		0.0	Y	Y
31524	UNITED THEOLOGICAL SEM	DAYTON	6		7		16.7	Y	Y
31525	URBANA UNIV	URBANA	19		17		10.5-	Y	Y
31526	URSULINE COLL	CLEVELAND	5	E	13		160.0	Y	Y
31527	WALSH COLL	CANTON	69		44		36.2-	Y	N
31544	WASHINGTON TECHNICAL COLL	MARIETTA	0		0			Y	N
31529	WILBERFORCE UNIV	WILBERFORCE	0		0			Y	N

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31530	WILMINGTON COLL	WILMINGTON	39	31	20.5-	Y	Y
31574	WINEBRENNER THEOL SEM	FINDLAY	0	0		Y	N
31531	WITTENBERG UNIV	SPRINGFIELD	35	59	68.6	Y	N
31533	WOOSTER, COLL OF	WOOSTER	159	123	22.6-	Y	Y
31534A	WRIGHT ST U LAKE CAMPUS	CELINA	0	2	**	Y	Y
31534	WRIGHT ST U MAIN CAMPUS	DAYTON	253	297	17.4	Y	Y
31535	XAVIER UNIV	CINCINNATI	177 E	137 E	22.6-	Y	Y
31536	YOUNGSTOWN STATE UNIV	YOUNGSTOWN	113	111	1.8-	Y	Y
	TOTAL OHIO		13,142	13,289	1.1		
	OKLAHOMA						
73401	BACONE COLL	MUSKOGEE	0	0		Y	N
73402	BARTLESVILLE WESLEYAN C	BARTLESVILLE	10	30	200.0	Y	Y
73404	CAMERON UNIV	LAWTON	14	13	7.1-	Y	Y
73405	CARL ALBERT JR COLL	POTEAU	7	15	114.3	Y	Y
73406	CENTRAL STATE UNIV	EDMOND	947	969	2.3	Y	Y
73408	CONNORS STATE COLL	WARNER	0	0		Y	N
73409	EAST CENTRAL UNIV	ADA	6	9	50.0	Y	Y
73410	EASTERN OKLA STATE COLL	WILBURTON	1	2	100.0	Y	Y
73411	EL RENO JR COLL	EL RENO	16	31	93.8	Y	Y
73443	FLAMING RAINBOW UNIV	STILWELL	0	0		Y	N
73412	LANGSTON UNIV	LANGSTON	70	48	31.4-	Y	Y
73445	MID-AMERICA BIBLE COLL	OKLAHOMA CITY	4	3	25.0-	Y	Y
73413	MURRAY STATE COLL	TISHOMINGO	7	0	100.0-	Y	N
73414	NORTHEASTERN OKLA A&M C	MIAMI	37	36	2.7-	Y	Y
73415	NORTHEASTERN OKLA STATE U	TAHLEQUAH	24 E	19	20.8-	Y	Y
73416	NORTHERN OKLAHOMA COLL	TONKAWA	6	10	66.7	Y	Y
73417	NORTHWESTERN OKLA ST UNIV	ALVA	14	8	42.9-	Y	Y
73418	OKLA BAPTIST UNIV	SHAWNEE	21	17	19.0-	Y	Y
73419	OKLA CHRISTIAN COLL	OKLAHOMA CITY	40	55	37.5	Y	Y
73432	OKLA CITY CMTY COLL	OKLAHOMA CITY	374 E	317 E	15.2-	Y	Y
73420	OKLA CITY UNIV	OKLAHOMA CITY	576	571 E	0.9-	Y	Y
73426A	OKLA HEALTH SCI CTR, U OF	OKLAHOMA CITY	71	71	0.0	Y	Y
73426	OKLA NORMAN, UNIV OF	NORMAN	1,270	1,203	5.3-	Y	Y
73425	OKLA STATE U MAIN CAMPUS	STILLWATER	1,789	1,615	9.7-	Y	Y
73425A	OKLA STATE U OKLA CITY	OKLAHOMA CITY	28	37	32.1	Y	Y
73425D	OKLA STATE U TECH OKMULGE	OKMULGEE	13	24	84.6	Y	Y
73427	ORAL ROBERTS UNIV	TULSA	219	237	8.2	Y	N
73423	PANHANDLE STATE UNIV	GOODWELL	4	1	75.0-	Y	Y
73428	PHILLIPS UNIV	ENID	82	82	0.0	Y	Y
73407	ROGERS STATE COLL	CLAREMORE	176	128	27.3-	Y	Y
73438	ROSE STATE COLL	MIDWEST CITY	88	58	34.1-	Y	Y
73421	SCIENCE & ARTS, UNIV OF	CHICKASHA	39	26	33.3-	Y	Y
73431	SEMINOLE JR COLL	SEMINOLE	21	15	28.6-	Y	Y
73403	SOUTHERN NAZARENE UNIV	BETHANY	62	51	17.7-	Y	Y
73429	ST GREGORY'S COLL	SHAWNEE	15	16	6.7	Y	Y
73433	STHESTN OKLA STATE UNIV	DURANT	162	134	17.3-	Y	Y
73444	STHWSTN C CHRSTN MINISTRS	BETHANY	0	0		Y	N
73435	STHWSTN OKLA STATE UNIV	WEATHERFORD	78	73	6.4-	Y	Y
73437	TULSA JR COLL	TULSA	8	35	337.5	Y	Y
73436	TULSA, UNIV OF	TULSA	373	395	5.9	Y	Y
73400	WESTERN OKLAHOMA ST COLL	ALTUS	1	0	100.0-	Y	N
	TOTAL OKLAHOMA		6,673	6,354	4.8-		
	OREGON						
92457	BASSIST COLL	PORTLAND	11	10	9.1-	Y	Y
92400	BLUE MOUNTAIN CMTY COLL	PENDLETON	4	8	100.0	Y	Y
92401	CENTRAL OREGON CMTY COLL	BEND	12	17	41.7	Y	Y
92402	CHEMEKETA CMTY COLL	SALEM	36	24	33.3-	Y	Y
92403	CLACKAMAS CMTY COLL	OREGON CITY	17	17	0.0	Y	Y
92404	CLATSOP CMTY COLL	ASTORIA	3	2	33.3-	Y	Y
92405	COLUMBIA CHRISTIAN COLL	PORTLAND	7	6	14.3-	Y	Y
92406	CONCORDIA COLL	PORTLAND	99	70	29.3-	Y	Y

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924308	EASTERN OREGON STATE COLL	LA GRANDE	100 E	103 E	3.0	Y	Y
92407	GEORGE FOX COLL	NEWBERG	14	13	7.1-	Y	Y
92409	LANE CMTY COLL	EUGENE	150	169	12.7	Y	Y
92410	LEWIS & CLARK COLL	PORTLAND	211	232	10.0	Y	Y
92411	LINFIELD COLL	MCMINNVILLE	78 E	70 E	10.3-	Y	Y
92412	LINN-BENTON CMTY COLL	ALBANY	28	46	64.3	Y	Y
92413	MARYLHURST COLL	MARYLHURST	3	6	100.0	Y	Y
92415	MOUNT ANGEL SEM	SAINT BENEDICT	22	18	18.2-	Y	Y
92416	MOUNT HOOD CMTY COLL	GRESHAM	10	13	30.0	Y	Y
92418	NORTHWEST CHRISTIAN COLL	EUGENE	16	10	37.5-	Y	Y
92419	OREGON GRADUATE CENTER	BEAVERTON	59	66	11.9	Y	Y
92430A	OREGON HEALTH SCIENCES U	PORTLAND	21	34	61.9	Y	Y
92430I	OREGON HLTH SCIS U DENTL	PORTLAND	3	7	133.3	Y	Y
92430E	OREGON INST OF TECHNOLOGY	KLAMATH FALLS	33	37	12.1	Y	Y
92430	OREGON MAIN CAMPUS, U OF	EUGENE	1,777	1,626	8.5-	Y	Y
92430D	OREGON STATE UNIV	CORVALLIS	1,603	1,747	9.0	Y	Y
92454	PACIFIC NTHWST COLL ART	PORTLAND	6	7	16.7	Y	Y
92440	PACIFIC UNIV	FOREST GROVE	38	78	105.3	Y	Y
92441	PORTLAND CMTY COLL	PORTLAND	318	442	39.0	Y	Y
92430F	PORTLAND STATE UNIV	PORTLAND	632	724	14.6	Y	Y
92442	PORTLAND, UNIV OF	PORTLAND	245	236	3.7-	Y	Y
92443	REED COLL	PORTLAND	50 E	65 E	30.0	Y	N
92455	ROGUE CMTY COLL	GRANTS PASS	5	3	40.0-	Y	Y
92430G	SOUTHERN OREGON ST COLL	ASHLAND	149	143	4.0-	Y	Y
92444	STHWSTN OREGON CMTY COLL	COOS BAY	14	14 L	0.0	Y	N
92445	TREASURE VALLEY CMTY COLL	ONTARIO	29	28	3.4-	Y	Y
92446	UMPQUA CMTY COLL	ROSEBURG	2	3	50.0	Y	Y
92447	WARNER PACIFIC COLL	PORTLAND	32	35	9.4	Y	Y
92451	WILLAMETTE UNIV	SALEM	41	50	22.0	Y	Y
92448	WSTN BAPTIST COLL	SALEM	2	0	100.0-	Y	N
92449	WSTN CONSERV BAPTIST SEM	PORTLAND	35	30	14.3-	Y	Y
92453	WSTN EVANGELICAL SEM	PORTLAND	21	21	0.0	Y	Y
92430C	WSTN OREGON STATE COLL	MONMOUTH	173	124	28.3-	Y	Y
92456	WSTN STATES CHIROPRACTC C	PORTLAND	38	41	7.9	Y	Y
	TOTAL OREGON		6,147	6,395	4.0		
	PENNSYLVANIA						
23403	ALBRIGHT COLL	READING	22	32	45.5	Y	Y
23405A	ALLEGHENY CO ALLEG CAM,CC	PITTSBURGH	68	92	35.3	Y	Y
23405B	ALLEGHENY CO BOYCE CAM,CC	MONROEVILLE	4	1	75.0-	Y	Y
23405D	ALLEGHENY CO NORTH CAM,CC	PITTSBURGH	0	0		Y	N
23405C	ALLEGHENY CO SOUTH CAM,CC	WEST MIFFLIN	0	1	**	Y	Y
23404	ALLEGHENY COLL	MEADVILLE	51	56	9.8	Y	Y
23406	ALLENTOWN COLL	CENTER VALLEY	3	2	33.3-	Y	Y
23408	ALVERNIA COLL	READING	2	4	100.0	Y	Y
23586	ARTS, UNIV OF THE	PHILADELPHIA		66 F	**	Y	Y
23410	BAPTIST BIBLE COLL & SEM	CLARKS SUMMIT	6	4	33.3-	Y	Y
23412	BEAVER CO, CMTY COLL OF	MONACA	1	1	0.0	Y	Y
23411	BEAVER COLL	GLENSIDE	14	14 L	0.0	Y	N
23413	BLOOMSBURG UNIV	BLOOMSBURG	45	48	6.7	Y	Y
23414	BRYN MAWR COLL	BRYN MAWR	108 E	113	4.6	Y	Y
23415	BUCKNELL UNIV	LEWISBURG	111	94	15.3-	Y	Y
23416	BUCKS COUNTY CMTY COLL	NEWTOWN	0	N		N	N
23417	BUTLER COUNTY CMTY COLL	BUTLER	0	0		Y	N
23418	CABRINI COLL	RADNOR	5	N		N	N
23419	CALIFORNIA UNIV OF PA	CALIFORNIA	40	64	60.0	Y	Y
23420	CARLOW COLL	PITTSBURGH	10	11	10.0	Y	Y
23422	CARNEGIE-MELLON UNIV	PITTSBURGH	655	695 E	6.1	Y	Y
23423	CEDAR CREST COLL	ALLENTOWN	5	4	20.0-	Y	Y
23583	CENTRAL PENN BUSINESS SCH	SUMMERDALE	1	1	0.0	Y	Y
23424	CHATHAM COLL	PITTSBURGH	9	11	22.2	Y	Y
23425	CHESTNUT HILL COLL	PHILADELPHIA	19	35	84.2	Y	Y
23426	CHEYNEY UNIV OF PA	CHEYNEY	27	68	151.9	Y	N
23429	CLARION UNIV OF PENN	CLARION	168	177	5.4	Y	Y
23429A	CLARION UNIV-VENANGO CAM	OIL CITY	1	1	0.0	Y	Y

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23582	COMBS COLL OF MUSIC	PHILADELPHIA	10		10	L	0.0	Y	N
23432	DELAWARE COUNTY CMTY COLL	MEDIA	21		17		19.0-	Y	Y
23433	DELAWARE VLY COLL SCIE AG	DOYLESTOWN	17		19		11.8	Y	Y
23434	DICKINSON COLL	CARLISLE	17		17		0.0	Y	Y
23437	DREXEL UNIV	PHILADELPHIA	875		876		0.1	Y	Y
23439	DUQUESNE UNIV	PITTSBURGH	226		244		8.0	Y	Y
23440	EAST STROUDSBURG UNIV	E STROUDSBURG	62		77		24.2	Y	Y
23442	EASTERN BAPTIST THEOL SEM	PHILADELPHIA	14		14		0.0	Y	Y
23441	EASTERN COLL	SAINT DAVIDS	43	F	73		69.8	Y	Y
23444	EDINBORO UNIV	EDINBORO	67		85		26.9	Y	Y
23445	ELIZABETHTOWN COLL	ELIZABETHTOWN	11		8		27.3-	Y	Y
23584	EVANGELICAL SCH THEOLOGY	MYERSTOWN	2		2		0.0	Y	Y
23448	FRANKLIN & MARSHALL COLL	LANCASTER	37		58		56.8	Y	Y
23450	GANNON UNIV	ERIE	89		83		6.7-	Y	Y
23451	GENEVA COLL	BEAVER FALLS	17		17		0.0	Y	Y
23452	GETTYSBURG COLL	GETTYSBURG	29		31		6.9	Y	Y
23453	GRATZ COLL	PHILADELPHIA	7		5	E	28.6-	Y	Y
23454	GROVE CITY COLL	GROVE CITY	43	F	43		0.0	Y	Y
23455	GWYNEDD-MERCY COLL	GWYNEDD VALLEY	30	E	41		36.7	Y	Y
23456	HAHNEMANN UNIV	PHILADELPHIA	21		23		9.5	Y	Y
23457	HARCUM JR COLL	BRYN MAWR	46		50	E	8.7	Y	N
23458	HARRISBURG AREA CMTY COLL	HARRISBURG	30		29		3.3-	Y	Y
23459	HAVERFORD COLL	HAVERFORD	16		16	L	0.0	Y	N
23460	HOLY FAMILY COLL	PHILADELPHIA	3		2		33.3-	Y	Y
23461	IMMACULATA COLL	IMMACULATA	51		64		25.5	Y	Y
23462	INDIANA UNIV OF PENN	INDIANA	424		443		4.5	Y	Y
23464	JUNIATA COLL	HUNTINGDON	30		34		13.3	Y	Y
23465	KEYSTONE JR COLL	LA PLUME	9			N		N	N
23466	KING'S COLL	WILKES-BARRE	9		12		33.3	Y	Y
23467	KUTZTOWN UNIV OF PENN	KUTZTOWN	44		64		45.5	Y	Y
23468	LA ROCHE COLL	PITTSBURGH	5		2		60.0-	Y	Y
23473	LA SALLE UNIV	PHILADELPHIA	25	E	29		16.0	Y	Y
23469	LACKAWANNA JR COLL	SCRANTON	0			N		N	N
23470	LAFAYETTE UNIV	EASTON	66		73		10.6	Y	Y
23569	LANCASTER BIBLE COLL	LANCASTER	12		9		25.0-	Y	Y
23471	LANCASTER THEOLOGICAL SEM	LANCASTER	3		5		66.7	Y	Y
23474	LEBANON VALLEY COLL	ANNVILLE	4		5		25.0	Y	Y
23475	LEHIGH COUNTY CMTY COLL	SCHNECKSVILLE	10		15	E	50.0	Y	Y
23476	LEHIGH UNIV	BETHLEHEM	483		503		4.1	Y	Y
23477	LINCOLN UNIV	LINCOLN UNIV	18		11		38.9-	Y	Y
23478	LOCK HAVEN UNIV	LOCK HAVEN	102		139		36.3	Y	Y
23479	LUTH THEOL SEM GETTYSBURG	GETTYSBURG	9		8		11.1-	Y	Y
23480	LUTH THEOL SEM PHILA	PHILADELPHIA	5		2		60.0-	Y	Y
23481	LUZERNE COUNTY CMTY COLL	NANTICOKE	1		2		100.0	Y	Y
23482	LYCOMING COLL	WILLIAMSPORT	4		9		125.0	Y	Y
23483	MANOR JR COLL	JENKINTOWN	1		2		100.0	Y	Y
23484	MANSFIELD UNIV	MANSFIELD	37		26		29.7-	Y	Y
23485	MARY IMMACULATE SEM	NORTHAMPTON	2		0		100.0-	Y	N
23486	MARYWOOD COLL	SCRANTON	24		21		12.5-	Y	Y
23487	MEDICAL COLL OF PA, THE	PHILADELPHIA	3		5		66.7	Y	N
23488	MERCYHURST COLL	ERIE	41		51		24.4	Y	Y
23489	MESSIAH COLL	GRANTHAM	46		45		2.2-	Y	Y
23490	MILLERSVILLE UNIV	MILLERSVILLE	57		65		14.0	Y	Y
23491	MISERICORDIA, COLL OF	DALLAS	7			N		N	N
23492	MONTGOMERY CO CMTY COLL	BLUE BELL	8		1		87.5-	Y	Y
23493	MOORE COLL OF ART	PHILADELPHIA	15		19		26.7	Y	Y
23494	MORAVIAN COLL	BETHLEHEM	18		21		16.7	Y	Y
23495	MOUNT ALOYSIUS JR COLL	CRESSON	33		10		69.7-	Y	Y
23496	MUHLENBERG COLL	ALLENTOWN	14		15		7.1	Y	Y
23500	NEUMANN COLL	ASTON	3		10		233.3	Y	Y
23401	NEW CHURCH, ACAD OF THE	BRYN ATHYN	37		38		2.7	Y	Y
23498	NORTHAMPTON CO AREA CC	BETHLEHEM	18		18		0.0	Y	Y
23499	NORTHEASTERN CHRISTIAN JC	VILLANOVA	23		17		26.1-	Y	Y
23501	PEIRCE JR COLL	PHILADELPHIA	17		23		35.3	Y	Y
23504	PENN COLL OF OPTOMETRY	PHILADELPHIA	7		5		28.6-	Y	Y
23585	PENN INST OF TECHNOLOGY	MEDIA	0		3		**	Y	Y
23510Y	PENN STATE U-COMMONWLTH	UNIVERSITY PARK	78		94		23.7	Y	Y

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NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
23510	PENN STATE U-UNIV PK CAM	UNIVERSITY PARK	1,959	E	2,064		5.4	Y	Y
23521	PENN, UNIV OF	PHILADELPHIA	2,255		2,654		17.7	Y	Y
23522	PHILA COLL OF ART	PHILADELPHIA	37		73		97.3	Y	Y
23523	PHILA COLL OF THE BIBLE	LANGHORNE	18		18	L	0.0	Y	N
23528	PHILA COLL PERFORMNG ARTS	PHILADELPHIA	27			M			
23525	PHILA COLL PHARMACY & SCI	PHILADELPHIA	56		55		1.8-	Y	Y
23526	PHILA COLL TEXTILE & SCI	PHILADELPHIA	134		131		2.2-	Y	Y
23527	PHILA, CMTY COLL OF	PHILADELPHIA	0		0			Y	N
23572	PINEBROOK JR COLL	COOPERSBURG	5		14		180.0	Y	Y
23530B	PITTSBURGH BRADFORD, U OF	BRADFORD	2		0		100.0-	Y	N
23530C	PITTSBURGH GREENSBURG, U	GREENSBURG	0		1		**	Y	Y
23530D	PITTSBURGH JOHNSTOWN, U	JOHNSTOWN	0			N		N	N
23530	PITTSBURGH MAIN CAMPUS, U	PITTSBURGH	1,383		1,397		1.0	Y	Y
23529	PITTSBURGH THEOL SEM	PITTSBURGH	7		4		42.9-	Y	Y
23530E	PITTSBURGH TITUSVILLE, U	TITUSVILLE	0			N		N	N
23531	POINT PARK COLL	PITTSBURGH	122		115		5.7-	Y	Y
23573	READING AREA CMTY COLL	READING	2		5		150.0	Y	Y
23533	ROBERT MORRIS COLL	CORAOPOLIS	25	E	21		16.0-	Y	N
23534	ROSEMONT COLL	ROSEMONT	20		13		35.0-	Y	Y
23541	SCRANTON, UNIV OF	SCRANTON	146		137		6.2-	Y	Y
23542	SETON HILL COLL	GREENSBURG	5			N		N	N
23543	SHIPPENSBURG U OF PENN	SHIPPENSBURG	52		45		13.5-	Y	N
23544	SLIPPERY ROCK UNIV	SLIPPERY ROCK	101		140		38.6	Y	Y
23545	SPRING GARDEN COLL	PHILADELPHIA	23		20		13.0-	Y	Y
23535	ST CHARLES BORROMEO SEM	PHILADELPHIA	0		3		**	Y	Y
23538	ST FRANCIS COLL	LORETTO	3			N		N	N
23539	ST JOSEPH'S UNIV	PHILADELPHIA	147		165		12.2	Y	Y
23540	ST VINCENT COLL	LATROBE	11		10		9.1-	Y	Y
23546	SUSQUEHANNA UNIV	SELINSGROVE	13		14		7.7	Y	Y
23547	SWARTHMORE COLL	SWARTHMORE	66		68		3.0	Y	Y
23548	TEMPLE UNIV	PHILADELPHIA	1,352		1,478		9.3	Y	Y
23550	THIEL COLL	GREENVILLE	11		10		9.1-	Y	Y
23551	THOMAS JEFFERSON UNIV	PHILADELPHIA	8		12		50.0	Y	Y
23503	UNITED WESLEYAN COLL	ALLENTOWN	3		5		66.7	Y	Y
23552	URSINUS COLL	COLLEGEVILLE	10		9		10.0-	Y	Y
23553	VALLEY FORGE MILITARY JC	WAYNE	8		9		12.5	Y	Y
23554	VILLA MARIA COLL	ERIE	0		1		**	Y	Y
23555	VILLANOVA UNIV	VILLANOVA	140		187	E	33.6	Y	Y
23556	WASHINGTN & JEFFERSN COLL	WASHINGTON	8		5		37.5-	Y	Y
23557	WAYNESBURG COLL	WAYNESBURG	15		13		13.3-	Y	Y
23558	WEST CHESTER UNIV	WEST CHESTER	179		210		17.3	Y	N
23559	WESTMINSTER COLL	NEW WILMINGTON	6		3		50.0-	Y	Y
23560	WESTMINSTER THEOL SEM	PHILADELPHIA	84		52		38.1-	Y	Y
23561	WESTMORELAND COUNTY CC	YOUNGWOOD	0		0			Y	N
23562	WIDENER UNIV	CHESTER	46		80		73.9	Y	Y
23563	WILKES COLL	WILKES-BARRE	38		50		31.6	Y	N
23564	WILLIAMSPORT AREA CC	WILLIAMSPORT	0		2		**	Y	Y
23565	WILSON COLL	CHAMBERSBURG	10		10		0.0	Y	N
23567	YORK COLL OF PENNSYLVANIA	YORK	14		12		14.3-	Y	Y
	TOTAL PENNSYLVANIA		13,460		14,668		9.0		
	PUERTO RICO								
98447	AMERICAN UNIV OF PR	BAYAMON	0		2		**	Y	Y
98441	ANTILLIAN COLL	MAYAGUEZ	34		48		41.2	Y	Y
98430B	ARECIBO TECH UNIV COLL	ARECIBO	0		0			Y	N
98443	BAYAMON CENTRAL UNIV	BAYAMON	4		7		75.0	Y	Y
98449	CARIBBEAN CTR ADV STUDIES	SANTURCE	2		2		0.0	Y	Y
98444	CARIBBEAN UNIV COLL	BAYAMON	0		1		**	Y	Y
98420	CATHOLIC UNIV PUERTO RICO	PONCE	25		15		40.0-	Y	Y
98446	CONSERVATORY OF MUSIC PR	SANTURCE		N	8		**	Y	Y
98458	CTR ADVANCED STUDIES	SAN JUAN	0		0			Y	N
98451	INST COMERCIAL PR JR COLL	HATO REY	1		0		100.0-	Y	N
98410A	INTER AMER U AGUADILLA	AGUADILLA		N		N		N	N
98410B	INTER AMER U ARECIBO	ARECIBO	0		0			Y	N
98410C	INTER AMER U BARRANQUITAS	BARRANQUITAS		N	1		**	Y	Y

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98410H	INTER AMER U FAJARDO	FAJARDO		N		N		N	N
98410I	INTER AMER U GUAYAMA	GUAYAMA	0		2	E	**	Y	N
98410E	INTER AMER U METRO CAMPUS	HATO REY		N	14		**	Y	Y
98410F	INTER AMER U PONCE	PONCE	1		0		100.0-	Y	N
98410	INTER AMER U SAN GERMAN	SAN GERMAN	58		60		3.4	Y	Y
98456	POLYTECHNIC UNIV OF PR	HATO REY		N	52	E	**	Y	Y
98430H	PR AGUADILLA REG COLL, U	RAMEY	0		0			Y	N
98430G	PR BAYAMON TECH U COLL, U	BAYAMON	1		3		200.0	Y	Y
98430D	PR CAROLINA REG COLL,U OF	CAROLINA			16	F	**	Y	Y
98430C	PR CAYEY UNIV COLL, U OF	CAYEY	0		8		**	Y	Y
98430I	PR HUMACAO UNIV COLL, U	HUMACAO	0		0			Y	N
98430J	PR LA MONTANA REG COLL, U	UTUADO	7		3		57.1-	Y	Y
98430E	PR MAYAGUEZ, UNIV OF	MAYAGUEZ	211		183	E	13.3-	Y	Y
98430F	PR PONCE TECH UNIV, U OF	PONCE	1		0		100.0-	Y	N
98430	PR RIO PIEDRAS, UNIV OF	RIO PIEDRAS	42		44		4.8	Y	Y
98430A	PR SAN JUAN MED SCI, U OF	SAN JUAN	12		15		25.0	Y	Y
98421	PUERTO RICO JR COLL	RIO PIEDRAS		N		N		N	N
98440	SACRED HEART, UNIV OF	SANTURCE	37		44		18.9	Y	Y
98445	TECHNOLOGICAL C SAN JUAN	HATO REY	8	F		N		N	N
98449	UNIVERSIDAD DEL TURABO	GURABO	21		61		190.5	Y	Y
98459	UNIVERSIDAD METROPOLITANA	RIO PIEDRAS	1		0		100.0-	Y	N
	TOTAL PUERTO RICO		466		589		26.4		
	RHODE ISLAND								
15401	BROWN UNIV	PROVIDENCE	811		795		2.0-	Y	Y
15402	BRYANT COLL	SMITHFIELD	46		49		6.5	Y	Y
15412	NEW ENGLAND INST TECH	PROVIDENCE	5		5		0.0	Y	Y
15405	PROVIDENCE COLL	PROVIDENCE	48		47		2.1-	Y	Y
15406	RHODE ISLAND COLL	PROVIDENCE	30		40		33.3	Y	N
15408	RHODE ISLAND SCH DESIGN	PROVIDENCE	139	E	124	E	10.8-	Y	Y
15409	RHODE ISLAND, UNIV OF	KINGSTON	495		499		0.8	Y	Y
15407	RHODE ISLAND,CMTY COLL OF	WARWICK	6		40		566.7	Y	Y
15410	ROGER WILLIAMS COLL	BRISTOL	104		112		7.7	Y	Y
15411	SALVE REGINA COLLEGE	NEWPORT	27		28		3.7	Y	Y
	TOTAL RHODE ISLAND		1,711		1,739		1.6		
	SOUTH CAROLINA								
57466	AIKEN TECH COLL	AIKEN	2		2		0.0	Y	Y
57401	ANDERSON COLL	ANDERSON	15		22		46.7	Y	Y
57402	BAPT COLL AT CHARLESTON	CHARLESTON	15		2		86.7-	Y	Y
57403	BENEDICT COLL	COLUMBIA	42		21		50.0-	Y	Y
57405	CENTRAL WESLEYAN COLL	CENTRAL	4		5		25.0	Y	Y
57406	CHARLESTON, COLL OF	CHARLESTON	103		76		26.2-	Y	Y
57463	CHESTERFLD-MARLBORO TECH	CHERAW	0		0			Y	N
57407	CITADEL MILITARY COLL SC	CHARLESTON	15		15	L	0.0	Y	N
57408	CLAFLIN COLL	ORANGEBURG	6		3		50.0-	Y	Y
57409	CLEMSON UNIV	CLEMSON	553		575		4.0	Y	Y
57410	COKER COLL	HARTSVILLE	2		11		450.0	Y	Y
57411	COLUMBIA BIBLE COLL	COLUMBIA	77		72		6.5-	Y	Y
57412	COLUMBIA COLL	COLUMBIA	3		3		0.0	Y	Y
57413	CONVERSE COLL	SPARTANBURG	3		5		66.7	Y	Y
57469	DENMARK TECH COLL	DENMARK	4		2		50.0-	Y	Y
57414	ERSKINE COLL	DUE WEST	11		9		18.2-	Y	Y
57458	FLORENCE DARLINGTON TECH	FLORENCE	1		1		0.0	Y	Y
57415	FRANCIS MARION COLL	FLORENCE	9		13		44.4	Y	Y
57417	FURMAN UNIV	GREENVILLE	10		13		30.0	Y	Y
57418	GREENVILLE TECHNICAL COLL	GREENVILLE	9		10		11.1	Y	Y
57465	HORRY-GEORGETOWN TECH COL	CONWAY	2		0		100.0-	Y	N
57420	LANDER COLL	GREENWOOD	45		38		15.6-	Y	Y
57421	LIMESTONE COLL	GAFFNEY	5		5		0.0	Y	N
57422	LUTHERAN THEOL STHN SEM	COLUMBIA	3		3		0.0	Y	Y
57423	MEDICAL UNIV OF SC	CHARLESTON	52		43		17.3-	Y	N
57455	MIDLANDS TECH COLL	COLUMBIA	28		37		32.1	Y	Y

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57424	MORRIS COLL	SUMTER	0		0			Y	N
57425	NEWBERRY COLL	NEWBERRY	2		2		0.0	Y	Y
57426	NORTH GREENVILLE COLL	TIGERVILLE	7		2		71.4-	Y	Y
57464	ORANGEBURG CALHOUN TECH C	ORANGEBURG	2		5		150.0	Y	Y
57428	PIEDMONT TECHNICAL COLL	GREENWOOD	0		0			Y	N
57429	PRESBYTERIAN COLL	CLINTON	6		7		16.7	Y	Y
57440A	SC AT AIKEN, UNIV OF	AIKEN	12		8		33.3-	Y	Y
57440C	SC AT BEAUFORT, UNIV OF	BEAUFORT	2		0		100.0-	Y	N
57440D	SC AT CONWAY, UNIV OF	CONWAY	42		48		14.3	Y	Y
57440E	SC AT LANCASTER, UNIV OF	LANCASTER	1		2		100.0	Y	Y
57440F	SC AT SPARTANBURG, U OF	SPARTANBURG	18		30		66.7	Y	Y
57440H	SC AT SUMTER, UNIV OF	SUMTER	2		3		50.0	Y	Y
57440G	SC AT UNION, UNIV OF	UNION	0		0			Y	N
57440	SC COLUMBIA CAMPUS, U OF	COLUMBIA	784		875		11.6	Y	Y
57440B	SC SALKEHATCHIE, UNIV OF	ALLENDALE	2		0		100.0-	Y	N
57430	SC STATE COLL	ORANGEBURG	30	E	16		46.7-	Y	Y
57467	SHERMAN COLL CHIROPRACTIC	SPARTANBURG	12		13		8.3	Y	Y
57450	SPARTANBURG METH COLL	SPARTANBURG	3		6		100.0	Y	Y
57459	SPARTANBURG TECH COLL	SPARTANBURG	5		0		100.0-	Y	N
57460	SUMTER AREA TECH COLL	SUMTER	1		0		100.0-	Y	N
57456	TECH COLL OF LOWCOUNTRY	BEAUFORT	2		3		50.0	Y	Y
57454	TRI-COUNTY TECHNICAL COLL	PENDLETON	17		11		35.3-	Y	Y
57427	TRIDENT TECH COLL	CHARLESTON	21		5	E	76.2-	Y	Y
57451	VOORHEES COLL	DENMARK	3		2		33.3-	Y	N
57472	WILLIAMSBURG TECH COLL	KINGSTREE	0		0			Y	N
57452	WINTHROP COLL	ROCK HILL	90		99		10.0	Y	Y
57453	WOFFORD COLL	SPARTANBURG	5		4		20.0-	Y	Y
57461	YORK TECHNICAL COLL	ROCK HILL	0			N		N	N
	TOTAL SOUTH CAROLINA		2,088		2,127		1.9		
	SOUTH DAKOTA								
45400	AUGUSTANA COLL	SIOUX FALLS	89	E	103		15.7	Y	Y
45401	BLACK HILLS STATE COLL	SPEARFISH	5		10		100.0	Y	Y
45402	DAKOTA STATE COLL	MADISON	8		13	E	62.5	Y	N
45403	DAKOTA WESLEYAN UNIV	MITCHELL	7		7		0.0	Y	Y
45405	HURON COLL	HURON	5		6		20.0	Y	N
45418	KILIAN CMTY COLL	SIOUX FALLS	0		0			Y	N
45406	MOUNT MARTY COLL	YANKTON	5		4		20.0-	Y	Y
45415	NATIONAL COLL	RAPID CITY	13		12		7.7-	Y	Y
45407	NORTH AMERICAN BAPT SEM	SIOUX FALLS	6		9		50.0	Y	Y
45408	NORTHERN STATE COLL	ABERDEEN	8		5		37.5-	Y	Y
45417	OGALA LAKOTA COLL	KYLE	0		0			Y	N
45409	PRESENTATION COLL	ABERDEEN	2		2		0.0	Y	Y
45413	SD MAIN CAMPUS, UNIV OF	VERMILLION	78		75	E	3.8-	Y	N
45411	SD SCH MINES & TECHNOLOGY	RAPID CITY	224		259		15.6	Y	Y
45412	SD STATE UNIV	BROOKINGS	249	E	208		16.5-	Y	Y
45410	SIOUX FALLS COLL	SIOUX FALLS	5		5		0.0	Y	N
45419	SISSETON-WAHPETON CMTY C	SISSETON	0		0			Y	N
	TOTAL SOUTH DAKOTA		704		718		2.0		
	TENNESSEE								
62400	AQUINAS JR COLL	NASHVILLE	6		12		100.0	Y	N
62401	AUSTIN PEAY STATE UNIV	CLARKSVILLE	24		16		33.3-	Y	Y
62402	BELMONT COLL	NASHVILLE	93		87	E	6.5-	Y	Y
62403	BETHEL COLL	MCKENZIE	8		8		0.0	Y	Y
62404	BRYAN COLL	DAYTON	16		20		25.0	Y	Y
62405	CARSON-NEWMAN COLL	JEFFERSON CITY	16		13		18.8-	Y	Y
62479	CHATTANOOGA STATE TECH CC	CHATTANOOGA	7		9		28.6	Y	Y
62406	CHRISTIAN BROTHERS COLL	MEMPHIS	49	E	43		12.4-	Y	Y
62407	CLEVELAND STATE CMTY COLL	CLEVELAND	1		3		200.0	Y	Y
62408	COLUMBIA STATE CMTY COLL	COLUMBIA	2		3		50.0	Y	Y
62410	CUMBERLAND UNIV	LEBANON	4		12		200.0	Y	Y
62411	DAVID LIPSCOMB COLL	NASHVILLE	16		15		6.3-	Y	Y

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62412	DYERSBURG STATE CMTY COLL	DYERSBURG	2	1	50.0-	Y	Y
62413	EAST TENN STATE UNIV	JOHNSON CITY	102	111 E	8.8	Y	Y
62414	FISK UNIV	NASHVILLE	22	18	18.2-	Y	N
62416	FREED-HARDEMAN CCLL	HENDERSON	41	35	14.6-	Y	Y
62418	HARDING GRAD SCH RELIGION	MEMPHIS	6	7	16.7	Y	Y
62419	HIWASSEE COLL	MADISONVILLE	31	28	9.7-	Y	Y
62420	JACKSON STATE CMTY COLL	JACKSON	0	0		Y	N
62482	JOHN A GUPTON COLL	NASHVILLE	0	0		Y	N
62421	JOHNSON BIBLE COLL	KNOXVILLE	9	6	33.3-	Y	Y
62422	KING COLL	BRISTOL	45	32	28.9-	Y	Y
62424	LAMBUTH COLL	JACKSON	22	28	27.3	Y	Y
62425	LANE COLL	JACKSON	4	2	50.0-	Y	Y
62427	LE MOYNE-OWEN COLL	MEMPHIS	12	18 E	50.0	Y	N
62426	LEE COLL	CLEVELAND	54	67	24.1	Y	Y
62428	LINCOLN MEMORIAL UNIV	HARROGATE	99	187	88.9	Y	Y
62429	MARTIN METHODIST COLL	PULASKI	13	26	100.0	Y	Y
62430	MARYVILLE COLL	MARYVILLE	48	41	14.6-	Y	Y
62431	MEHARRY MEDICAL COLL	NASHVILLE	16	13	18.8-	Y	Y
62432	MEMPHIS COLL OF ART	MEMPHIS	8	3	62.5-	Y	Y
62433	MEMPHIS STATE UNIV	MEMPHIS	394	483	22.6	Y	Y
62494	MID-AMERICA BAPTIST SEM	MEMPHIS	10	11	10.0	Y	Y
62434	MIDDLE TENN STATE UNIV	MURFREESBORO	160	146	8.8-	Y	Y
62436	MILLIGAN COLL	MILLIGAN COLL	3	4	33.3	Y	Y
62438	MOTLOW STATE CMTY COLL	TULLAHOMA	17	14	17.6-	Y	Y
62439	NASHVILLE STATE TECH INST	NASHVILLE	14	26	85.7	Y	Y
62486	PELLISSIPPI ST TECH CC	KNOXVILLE	16	23	43.8	Y	Y
62446	RHODES COLL	MEMPHIS	9	11	22.2	Y	Y
62478	ROANE STATE CMTY COLL	HARRIMAN	7	4	42.9-	Y	Y
62442	SCARRITT GRADUATE SCH	NASHVILLE	7	C			
62477	SHELBY STATE CMTY COLL	MEMPHIS	N	7	**	Y	Y
62443	SOUTH, UNIV OF THE	SEWANEE	14	23	64.3	Y	Y
62447	STATE TECH INST MEMPHIS	MEMPHIS	6	8	33.3	Y	Y
62444	STHN COLL OF OPTOMETRY	MEMPHIS	0	0		Y	N
62445	STHN COLL OF S D A	COLLEGEDALE	27	31	14.8	Y	Y
62460B	TENN CHATTANOOGA, UNIV OF	CHATTANOOGA	105	92	12.4-	Y	Y
62460	TENN KNOXVILLE, UNIV OF	KNOXVILLE	839	744	11.3-	Y	Y
62460C	TENN MARTIN, UNIV OF	MARTIN	303	249	17.8-	Y	Y
62460A	TENN MEMPHIS, UNIV OF	MEMPHIS	36	43	19.4	Y	Y
62460E	TENN SPACE INST, UNIV OF	TULLAHOMA	25	30	20.0	Y	Y
62448	TENN STATE UNIV	NASHVILLE	516	396	23.3-	Y	N
62449	TENN TECHNOLOGICAL UNIV	COOKEVILLE	268	259	3.4-	Y	Y
62470	TENN WESLEYAN COLL	ATHENS	14	29	107.1	Y	Y
62487	TOMLINSON COLL	CLEVELAND	14	23	64.3	Y	Y
62471	TREVECCA NAZARENE COLL	NASHVILLE	20	12	40.0-	Y	N
62496	TRI-CITIES ST TECH INST	BLOUNTVILLE	0	0		Y	N
62472	TUSCULUM COLL	GREENEVILLE	9	12	33.3	Y	Y
62473	UNION UNIV	JACKSON	16	17	6.3	Y	Y
62474	VANDERBILT UNIV	NASHVILLE	450	466	3.6	Y	Y
62475	VOLUNTEER STATE CMTY COLL	GALLATIN	0	0		Y	N
62476	WALTERS STATE CMTY COLL	MORRISTOWN	4	5	25.0	Y	Y
	TOTAL TENNESSEE		4,078	4,032	1.1-		
	TEXAS						
74400	ABILENE CHRISTIAN UNIV	ABILENE	94	103	9.6	Y	Y
74401	ALVIN CMTY COLL	ALVIN	14	12	14.3-	Y	Y
74402	AMARILLO COLL	AMARILLO	14	24	71.4	Y	Y
74553	AMBER UNIV	GARLAND	0	0		Y	N
74550	AMERICAN TECHNOLOGICAL U	KILLEEN	10	10	0.0	Y	Y
74536	ANGELINA COLL	LUFKIN	0	0		Y	N
74404	ANGELO STATE UNIV	SAN ANGELO	75	116	54.7	Y	Y
74535	AUSTIN CMTY COLL	AUSTIN	318 E	261 E	17.9-	Y	N
74406	AUSTIN COLL	SHERMAN	31	12	61.3-	Y	Y
74407	AUSTIN PRESB THEOL SEM	AUSTIN	2	5	150.0	Y	Y
74557	BAPT MISSIONARY THEOL SEM	JACKSONVILLE	4	2	50.0-	Y	Y
74554	BAUDER FASHION COLL	ARLINGTON	7	9	28.6	Y	Y

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74542	BAYLOR COLL OF DENTISTRY	DALLAS	12		11		8.3-	Y	Y
74408	BAYLOR COLL OF MEDICINE	HOUSTON	81		94		16.0	Y	Y
74409	BAYLOR UNIV	WACO	202		210		4.0	Y	Y
74410	BEE COUNTY COLL	BEEVILLE	0		0			Y	N
74412	BISHOP COLL	DALLAS	130			Z			
74413	BLINN COLL	BRENHAM	74		95		28.4	Y	Y
74414	BRAZOSPORT COLL	LAKE JACKSON	8		9		12.5	Y	Y
74424G	BROOKHAVEN COLL	FARMERS BRANCH	70		130		85.7	Y	N
74424E	CEDAR VALLEY COLL	LANCASTER	0		2		**	Y	N
74416	CENTRAL TEXAS COLL	KILLEEN	63		75		19.0	Y	Y
74418	CISCO JR COLL	CISCO	0		0			Y	N
74419	CLARENDON COLL	CLARENDON	2		0		100.0-	Y	N
74420	CONCORDIA LUTHERAN COLL	AUSTIN	2		0		100.0-	Y	N
74421	COOKE COUNTY COLL	GAINESVILLE	43		55		27.9	Y	Y
74502B	CORPUS CHRISTI STATE UNIV	CORPUS CHRSTI	13		16		23.1	Y	Y
74423	DALLAS BAPTIST UNIV	DALLAS	82		82	L	0.0	Y	N
74425	DALLAS THEOLOGICAL SEM	DALLAS	108		100	E	7.4-	Y	Y
74426	DALLAS, UNIV OF	IRVING	302	E	300	E	0.7-	Y	N
74427	DEL MAR COLL	CORPUS CHRSTI	23		23		0.0	Y	Y
74545	DEVRY INST OF TECHNOLOGY	IRVING	31		33		6.5	Y	Y
74555	EAST TEX STATE U TEXARKNA	TEXARKANA	5		5		0.0	Y	N
74429	EAST TEXAS BAPTIST UNIV	MARSHALL	14		12		14.3-	Y	Y
74430	EAST TEXAS STATE UNIV	COMMERCE	197		173		12.2-	Y	Y
74424A	EASTFIELD COLL	MESQUITE	15		12		20.0-	Y	Y
74424B	EL CENTRO COLL	DALLAS	68		133		95.6	Y	Y
74530	EL PASO CMTY COLL	EL PASO	211		211	L	0.0	Y	N
74431	EPISCOPAL THEO SEM STHWST	AUSTIN	5		4		20.0-	Y	Y
74558	FASHION & ART INST DALLAS	DALLAS	1		6		500.0	Y	Y
74433	FRANK PHILLIPS COLL	BORGER	5			N		N	N
74434	GALVESTON COLL	GALVESTON	23		25	E	8.7	Y	N
74435	GRAYSON COUNTY COLL	DENISON	0		4		**	Y	N
74436	HARDIN-SIMMONS UNIV	ABILENE	13		18		38.5	Y	Y
74438	HILL COLL	HILLSBORO	9		6		33.3-	Y	Y
74439	HOUSTON BAPTIST UNIV	HOUSTON	128		81		36.7-	Y	Y
74546	HOUSTON CMTY COLL	HOUSTON	459		511		11.3	Y	Y
74441B	HOUSTON DOWNTOWN, U	HOUSTON	292		247		15.4-	Y	Y
74441C	HOUSTON VICTORIA, U OF	VICTORIA	4		2		50.0-	Y	Y
74441	HOUSTON, UNIV OF	HOUSTON	2,113		2,130		0.8	Y	Y
74441A	HOUSTON-CLEAR LAKE, U OF	HOUSTON	94		120		27.7	Y	Y
74442	HOWARD CO JC DISTRICT	BIG SPRING	5		8		60.0	Y	Y
74443	HOWARD PAYNE UNIV	BROWNWOOD	2		3		50.0	Y	Y
74444	HUSTON-TILLOTSON COLL	AUSTIN	139		122		12.2-	Y	Y
74445	INCARNATE WORD COLL	SAN ANTONIO	71		73		2.8	Y	Y
74446	JACKSONVILLE COLL	JACKSONVILLE	46		50		8.7	Y	Y
74447	JARVIS CHRISTIAN COLL	HAWKINS	0		0			Y	N
74448	KILGORE COLL	KILGORE	3		3		0.0	Y	Y
74449	LAMAR UNIV	BEAUMONT	280		349		24.6	Y	Y
74449A	LAMAR UNIV-ORANGE	ORANGE			3	F	**	Y	N
74449B	LAMAR UNIV-PORT ARTHUR	PORT ARTHUR			0	F		Y	N
74450	LAREDO JR COLL	LAREDO	238		17		92.9-	Y	Y
74502A	LAREDO STATE UNIV	LAREDO	56		63		12.5	Y	Y
74451	LEE COLL	BAYTOWN	14		16		14.3	Y	Y
74452	LETOURNEAU COLL	LONGVIEW	45		43		4.4-	Y	Y
74454	LON MORRIS COLL	JACKSONVILLE	24		28		16.7	Y	Y
74455	LUBBOCK CHRISTIAN COLL	LUBBOCK	45		47		4.4	Y	Y
74457	MAINLAND, COLL OF THE	TEXAS CITY	10		10	L	0.0	Y	N
74459	MARY HARDIN-BAYLOR, U OF	BELTON	82		90		9.8	Y	Y
74460	MCLENNAN CMTY COLL	WACO	16		14		12.5-	Y	Y
74461	MCMURRY COLL	ABILENE	5		4		20.0-	Y	Y
74534	MIDLAND COLL	MIDLAND	32		27		15.6-	Y	Y
74462	MIDWESTERN STATE UNIV	WICHITA FALLS	55	E	125	E	127.3	Y	N
74424C	MOUNTAIN VIEW COLL	DALLAS	5		16		220.0	Y	Y
74463	NAVARRO COLL	CORSICANA	5		20	E	300.0	Y	N
74548	NORTH HARRIS COUNTY COLL	HOUSTON	61		55		9.8-	Y	Y
74424F	NORTH LAKE COLL	IRVING	29		34	E	17.2	Y	N
74464	NORTH TEXAS, UNIV OF	DENTON	1,946		1,536		21.1-	Y	Y
74559	NORTHEAST TEXAS CMTY COLL	MOUNT PLEASANT	2	F	0		100.0-	Y	N

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74552	NORTHWOOD INST	CEDAR HILL	3		2		33.3-	Y	N
74465	OBLATE SCH OF THEOLOGY	SAN ANTONIO	4		3		25.0-	Y	Y
74466	ODESSA COLL	ODESSA	9		9		0.0	Y	Y
74467	OUR LADY OF LAKE UNIV	SAN ANTONIO	39		56		43.6	Y	Y
74560	PALO ALTO COLL	SAN ANTONIO			4	F	**	Y	Y
74468	PAN AMERICAN UNIV	EDINBURG	105		120		14.3	Y	Y
74469	PANOLA JR COLL	CARTHAGE	0		1		**	Y	N
74470	PARIS JR COLL	PARIS	48		54		12.5	Y	Y
74471	PAUL QUINN COLL	WACO	6		3		50.0-	Y	Y
74503A	PRAIRIE VIEW A&M UNIV	PRAIRIE VIEW	358		418		16.8	Y	Y
74472	RANGER JR COLL	RANGER	5		3		40.0-	Y	Y
74473	RICE UNIV	HOUSTON	395		452		14.4	Y	Y
74424D	RICHLAND COLL	DALLAS	107		128		19.6	Y	Y
74478	SAM HOUSTON STATE UNIV	HUNTSVILLE	199		182	E	8.5-	Y	Y
74479B	SAN ANTONIO COLL	SAN ANTONIO	819		206		74.8-	Y	Y
74480	SAN JACINTO COLL CENTRAL	PASADENA	340		280	E	17.6-	Y	N
74480A	SAN JACINTO COLL NORTH	HOUSTON	7		6		14.3-	Y	Y
74481	SCHREINER COLL	KERRVILLE	10		11		10.0	Y	Y
74483	SOUTH PLAINS COLL	LEVELLAND	43		31		27.9-	Y	N
74487	SOUTHERN METHODIST UNIV	DALLAS	501		425		15.2-	Y	Y
74442A	SOUTHWEST COLL INST DEAF	BIG SPRING	0		0			Y	N
74491	SOUTHWEST TEXAS JR COLL	UVALDE	16		28		75.0	Y	Y
74492	SOUTHWEST TEXAS STATE U	SAN MARCOS	194		175		9.8-	Y	Y
74495	SOUTHWESTERN ADVNTST COLL	KEENE	66		54		18.2-	Y	Y
74493	SOUTHWESTERN ASSEMB GOD C	WAXAHACHIE	6		5		16.7-	Y	Y
74494	SOUTHWESTERN BAPT SEM	FORT WORTH	88		82		6.8-	Y	N
74541	SOUTHWESTERN CHRSTN COLL	TERRELL	34		30		11.8-	Y	Y
74496	SOUTHWESTERN UNIV	GEORGETOWN	18		16		11.1-	Y	Y
74475	ST EDWARD'S UNIV	AUSTIN	280		209		25.4-	Y	Y
74476	ST MARY'S UNIV	SAN ANTONIO	141		122		13.5-	Y	Y
74479A	ST PHILLIP'S COLL	SAN ANTONIO	25	E	21		16.0-	Y	Y
74477	ST THOMAS, UNIV OF	HOUSTON	137		138		0.7	Y	Y
74497	STEPHEN F AUSTIN STATE U	NACOGDOCHES	52		40		23.1-	Y	Y
74498	SUL ROSS STATE UNIV	ALPINE	21		33		57.1	Y	Y
745038	TARLETON STATE UNIV	STEPHENVILLE	16		20	E	25.0	Y	N
74499A	TARRANT COUNTY JR COLL	FORT WORTH	42		43		2.4	Y	Y
74500	TEMPLE JR COLL	TEMPLE	8		13		62.5	Y	Y
74502	TEX A&I UNIV	KINGSVILLE	203		206		1.5	Y	Y
74503C	TEX A&M UNIV AT GALVESTON	GALVESTON	22		19		13.6-	Y	Y
74503	TEX A&M UNIV MAIN CAMPUS	COLLEGE STATION	1,717		1,877		9.3	Y	Y
74510A	TEX ARLINGTON, UNIV OF	ARLINGTON	1,109		1,128		1.7	Y	Y
74510	TEX AUSTIN, UNIV OF	AUSTIN	3,135		3,385		8.0	Y	Y
74540	TEX CHIROPRACTIC COLL	PASADENA	9		9	E	0.0	Y	N
74504	TEX CHRISTIAN UNIV	FORT WORTH	195		191		2.1-	Y	Y
74505	TEX COLL	TYLER	72		52		27.8-	Y	Y
74510B	TEX DALLAS, UNIV OF	RICHARDSON	354		323		8.8-	Y	Y
74510C	TEX EL PASO, UNIV OF	EL PASO	885		955	E	7.9	Y	N
74510K	TEX HLTH SCI CTR DALLAS,U	DALLAS	43		60		39.5	Y	Y
74510E	TEX HLTH SCI CTR HOUSTN,U	HOUSTON	113		123		8.8	Y	Y
74510I	TEX HLTH SCI SAN ANTON, U	SAN ANTONIO	38		39		2.6	Y	Y
74506	TEX LUTHERAN COLL	SEGUIN	10		17		70.0	Y	Y
74510D	TEX MED BRANCH GALVSTN, U	GALVESTON	44		46		4.5	Y	Y
74510G	TEX PERMIAN BASIN, U OF	ODESSA	15		9		40.0-	Y	Y
74510H	TEX SAN ANTONIO, UNIV OF	SAN ANTONIO	104		105		1.0	Y	Y
74507	TEX SOUTHERN UNIV	HOUSTON	890		1,042		17.1	Y	Y
74508	TEX SOUTHMOST COLL	BROWNSVILLE	316		331		4.7	Y	Y
74538A	TEX ST TECH MID-CONTINENT	AMARILLO	1		0		100.0-	Y	N
74538B	TEX ST TECH RIO GRANDE	HARLINGEN	3		14		366.7	Y	Y
74538C	TEX ST TECH SWEETWATER	SWEETWATER	0		0			Y	N
74538	TEX ST TECH WACO	WACO	13		35		169.2	Y	Y
74509	TEX TECH UNIV	LUBBOCK	724		712		1.7-	Y	Y
74537	TEX TYLER, UNIV OF	TYLER	51		34		33.3-	Y	Y
74520	TEX WESLEYAN COLL	FORT WORTH	63		63	L	0.0	Y	N
74521	TEX WOMAN'S UNIV	DENTON	404		388		4.0-	Y	Y
74501	TEXARKANA COLL	TEXARKANA	3		3	E	0.0	Y	N
74522	TRINITY UNIV	SAN ANTONIO	55		56		1.8	Y	Y
74437	TRINITY VALLEY CMTY COLL	ATHENS	34		30		11.8-	Y	Y

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74523	TYLER JR COLL	TYLER	47 E	53 E	12.8	Y	Y
74524	VICTORIA COLL	VICTORIA	5	5	0.0	Y	Y
74525	WAYLAND BAPTIST UNIV	PLAINVIEW	34	40 E	17.6	Y	N
74526	WEATHERFORD COLL	WEATHERFORD	47	44	6.4-	Y	Y
74527	WEST TEXAS STATE UNIV	CANYON	97	157	61.9	Y	Y
74532	WESTERN TEXAS COLL	SNYDER	2	3	50.0	Y	Y
74528	WHARTON COUNTY JR COLL	WHARTON	15	13	13.3-	Y	Y
74529	WILEY COLL	MARSHALL	13	5	61.5-	Y	N
	TOTAL TEXAS		23,714	23,240	2.0-		
	UTAH						
87400	BRIGHAM YOUNG UNIV	PROVO	1,732	1,534	11.4-	Y	Y
87410B	DIXIE COLL	SAINT GEORGE	13	16	23.1	Y	Y
87410C	EASTERN UTAH, COLL OF	PRICE	7	0	100.0-	Y	N
87401	LATTER-DAY SAINTS BUS C	SALT LAKE CITY	85 L	N		N	N
87410H	SALT LAKE CMTY COLL	SALT LAKE CITY	26	17	34.6-	Y	Y
87410D	SNOW COLL	EPHRAIM	96	120	25.0	Y	Y
87410E	SOUTHERN UTAH STATE COLL	CEDAR CITY	26	17	34.6-	Y	Y
87410F	UTAH STATE UNIV	LOGAN	997	935	6.2-	Y	Y
87410G	UTAH VALLEY CMTY COLL	OREM	142	159	12.0	Y	Y
87410	UTAH, UNIV OF	SALT LAKE CITY	1,063	1,135	6.8	Y	Y
87410I	WEBER STATE COLL	OGDEN	182	154	15.4-	Y	Y
87420	WESTMINSTER COLL	SALT LAKE CITY	48	49	2.1	Y	Y
	TOTAL UTAH		4,417	4,136	6.4-		
	VERMONT						
13401	BENNINGTON COLL	BENNINGTON	27 E	40	48.1	Y	Y
13422	BURLINGTON COLL	BURLINGTON	0	1	**	Y	Y
13402	CASTLETON STATE COLL	CASTLETON	3	5	66.7	Y	Y
13403	CHAMPLAIN COLL	BURLINGTON	13	11	15.4-	Y	Y
13404	GODDARD COLL	PLAINFIELD	10	17	70.0	Y	Y
13405	GREEN MOUNTAIN COLL	POULTNEY	13	14	7.7	Y	Y
13417	INTL TRAINING, SCH FOR	BRATTLEBORO	543 E	618 E	13.8	Y	N
13406	JOHNSON STATE COLL	JOHNSON	13	16	23.1	Y	Y
13407	LYNDON STATE COLL	LYNDONVILLE	3	5	66.7	Y	Y
13408	MARLBORO COLL	MARLBORO	10	8	20.0-	Y	Y
13409	MIDDLEBURY COLL	MIDDLEBURY	169	171 E	1.8	Y	Y
13410	NORWICH UNIV MAIN CAMPUS	NORTHFIELD	24	24	0.0	Y	Y
13419	SOUTHERN VERMONT COLL	BENNINGTON	4	7	75.0	Y	Y
13411	ST JOSEPH IN VT, COLL OF	RUTLAND	1	2	100.0	Y	Y
13412	ST MICHAEL'S COLL	WINOOSKI	149	171	14.8	Y	Y
13423	STERLING COLL	CRAFTSBURY COMN	1	2	100.0	Y	Y
13413	TRINITY COLL	BURLINGTON	2	6	200.0	Y	Y
13410A	VERMONT COLL OF NORWICH U	MONTPELIER	9	4	55.6-	Y	Y
13418	VERMONT LAW SCH	SO ROYALTON	3	5	66.7	Y	Y
13414	VERMONT TECHNICAL COLL	RANDOLPH CENTER	2	2	0.0	Y	Y
13421	VERMONT, CMTY COLL OF	WATERBURY	2	3	50.0	Y	Y
13415	VERMONT, UNIV OF	BURLINGTON	132	153	15.9	Y	Y
	TOTAL VERMONT		1,132	1,285	13.5		
	VIRGIN ISLANDS						
96400	VIRGIN ISLANDS, UNIV OF	SAINT THOMAS	252	265	5.2	Y	Y
	TOTAL VIRGIN ISLANDS		252	265	5.2		
	VIRGINIA						
54401	AVERETT COLL	DANVILLE	34	38	11.8	Y	Y
54402	BLUEFIELD COLL	BLUEFIELD	10	12	20.0	Y	Y
54403	BRIDGEWATER COLL	BRIDGEWATER	6	17	183.3	Y	Y
54467	CBN UNIV	VIRGINIA BEACH	24	28 E	16.7	Y	N

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544508	CENTRAL VA CMTY COLL	LYNCHBURG	1	1	0.0	Y	Y
54468	CHRISTENDOM COLL	FRONT ROYAL	4	N		N	N
54462A	CHRISTOPHER NEWPORT COLL	NEWPORT NEWS	6	13	116.7	Y	Y
54450C	DABNEY LANCASTER CC	CLIFTON FORGE	1	0	100.0-	Y	N
54450D	DANVILLE CMTY COLL	DANVILLE	3 E	0	100.0-	Y	N
54450E	EASTERN SHORE CMTY COLL	MELFA	0	0		Y	N
54464	EASTERN VA MEDICAL SCH	NORFOLK	0	1	**	Y	Y
54405	EMORY & HENRY COLL	EMORY	2	0	100.0-	Y	N
54404	ESTN MENNONITE COLL & SEM	HARRISONBURG	43	48	11.6	Y	Y
54406	FERRUM COLL	FERRUM	9	11	22.2	Y	Y
54407	GEORGE MASON UNIV	FAIRFAX	707	694	1.8-	Y	Y
54450F	GERMANNA CMTY COLL	LOCUST GROVE	2	5	150.0	Y	Y
54408	HAMPDEN-SYDNEY COLL	HAMPDEN-SYDNEY	4	5	25.0	Y	Y
54409	HAMPTON UNIV	HAMPTON	109	144	32.1	Y	Y
54469	HEALTH SCIENCES, COLL OF	ROANOKE		0 F		Y	N
54410	HOLLINS COLL	HOLLINS COLLEGE	12	8	33.3-	Y	Y
54450X	J SARGEANT REYNOLDS CC	RICHMOND	24	20	16.7-	Y	Y
54415	JAMES MADISON UNIV	HARRISONBURG	27	28	3.7	Y	Y
54450G	JOHN TYLER CMTY COLL	CHESTER	1	15	400.0	Y	Y
54466	LIBERTY UNIV	LYNCHBURG	111	127	14.4	Y	Y
54413	LONGWOOD COLL	FARMVILLE	13	22	69.2	Y	Y
54450H	LORD FAIRFAX CMTY COLL	MIDDLETOWN	3	0	100.0-	Y	N
54414	LYNCHBURG COLL	LYNCHBURG	43	59	37.2	Y	Y
54416	MARY BALDWIN COLL	STAUNTON	16	23	43.8	Y	Y
54417	MARY WASHINGTON COLL	FREDERICKSBURG	16	18	12.5	Y	Y
54418	MARYMOUNT UNIV	ARLINGTON	126	185	46.8	Y	Y
54439A	MEDICAL COLL OF VIRGINIA	RICHMOND	65	M			
54450I	MOUNTAIN EMPIRE CMTY COLL	BIG STONE GAP	0	0		Y	N
54450J	NEW RIVER CMTY COLL	DUBLIN	4	4	0.0	Y	Y
54422	NORFOLK STATE UNIV	NORFOLK	101	80	20.8-	Y	Y
54450K	NORTHERN VA CMTY COLL	ANNANDALE	1,650 E	1,650 L	0.0	Y	N
54423	OLD DOMINION UNIV	NORFOLK	580	587	1.2	Y	Y
54450L	PATRICK HENRY CMTY COLL	MARTINSVILLE	3	4	33.3	Y	Y
54450M	PAUL D CAMP CMTY COLL	FRANKLIN	0	1	**	Y	Y
54450N	PIEDMONT VA CMTY COLL	CHARLOTTESVILLE	11 E	10	9.1-	Y	Y
54424	PRESB SCH OF CHRISTIAN ED	RICHMOND	16	20	25.0	Y	Y
54426	RADFORD UNIV	RADFORD	101	176	74.3	Y	Y
54427	RANDOLPH-MACON COLL	ASHLAND	12	14	16.7	Y	Y
54428	RANDOLPH-MACON WOMAN'S C	LYNCHBURG	30	32	6.7	Y	Y
54450O	RAPPAHANNOCK CMTY COLL	GLENNS	1	1	0.0	Y	Y
54462B	RICHARD BLAND C WM & MARY	PETERSBURG	3	6	100.0	Y	Y
54429	RICHMOND, UNIV OF	U OF RICHMOND	29	28	3.4-	Y	Y
54430	ROANOKE COLL	SALEM	7	5	28.6-	Y	Y
54432	SHENANDOAH COLL	WINCHESTER	19 E	30	57.9	Y	Y
54433	SOUTHERN SEM JR COLL	BUENA VISTA	8	9	12.5	Y	Y
54450P	SOUTHSIDE VA CMTY COLL	ALBERTA	0	1	**	Y	Y
54450Q	SOUTHWEST VA CMTY COLL	RICHLANDS	3	2	33.3-	Y	Y
54431	ST PAUL'S COLL	LAWRENCEVILLE	9	6	33.3-	Y	N
54436	SWEET BRIAR COLL	SWEET BRIAR	28	25	10.7-	Y	Y
54450R	THOMAS NELSON CMTY COLL	HAMPTON	6	2	66.7-	Y	Y
54450S	TIDEWATER CMTY COLL	PORTSMOUTH	65	33	49.2-	Y	Y
54437	UNION THEOL SEM IN VA	RICHMOND	7	33	371.4	Y	Y
544469	VIRGINIA CLINCH VLY C, U	WISE	1	4	300.0	Y	Y
54439	VIRGINIA COMMONWLTH UNIV	RICHMOND	129	262	103.1	Y	Y
54450T	VIRGINIA HIGHLANDS CC	ABINGDON	3	0	100.0-	Y	N
54441	VIRGINIA INTERMONT COLL	BRISTOL	15	16	6.7	Y	Y
54446	VIRGINIA MAIN CAMPUS,U OF	CHARLOTTESVILLE	441	479	8.6	Y	Y
54442	VIRGINIA MILITARY INST	LEXINGTON	23	23	0.0	Y	Y
54443	VIRGINIA POLY INST & ST U	BLACKSBURG	1,372	1,351	1.5-	Y	Y
54444	VIRGINIA STATE UNIV	PETERSBURG	29	20	31.0-	Y	Y
54445	VIRGINIA UNION UNIV	RICHMOND	N	N		N	N
54460	VIRGINIA WESLEYAN COLL	NORFOLK	13	14	7.7	Y	Y
54450U	VIRGINIA WSTN CMTY COLL	ROANOKE	7	6	14.3-	Y	Y
54461	WASHINGTON & LEE UNIV	LEXINGTON	18	14	22.2-	Y	Y
54462	WILLIAM & MARY, COLL OF	WILLIAMSBURG	198	122	38.4-	Y	Y
54450V	WYTHEVILLE CMTY COLL	WYTHEVILLE	0	1	**	Y	N
	TOTAL VIRGINIA		6,364	6,593	3.6		

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIPST POLLING. L-LAST YEAR'S TOTAL. M-MERGED.
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RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2.
Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1987/88 TOTAL	1988/89 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
	WASHINGTON						
91400	BELLEVUE CMTY COLL	BELLEVUE	106	90	15.1-	Y	Y
91401	BIG BEND CMTY COLL	MOSES LAKE	19	26	36.8	Y	Y
91402	CENTRAL WASHINGTON UNIV	ELLENSBURG	122	131	7.4	Y	Y
91403	CENTRALIA COLL	CENTRALIA	2	2	0.0	Y	Y
91449	CITY UNIV	BELLEVUE	132	135	2.3	Y	Y
91404	CLARK COLL	VANCOUVER	58 F	70	20.7	Y	N
91405	COLUMBIA BASIN CMTY COLL	PASCO	2	4	100.0	Y	Y
91445	CORNISH COLL OF THE ARTS	SEATTLE	10	13	30.0	Y	Y
91406	EASTERN WASHINGTON UNIV	CHENEY	347	399	15.0	Y	Y
91407	EDMONDS CMTY COLL	LYNNWOOD	259 E	376	45.2	Y	Y
91408	EVERETT CMTY COLL	EVERETT	7	14	100.0	Y	Y
91440	EVERGREEN STATE COLL	OLYMPIA	28	14	50.0-	Y	Y
91411	GONZAGA UNIV	SPOKANE	188 E	202	7.4	Y	Y
91412	GRAYS HARBOR COLL	ABERDEEN	1	5	400.0	Y	Y
91413	GREEN RIVER CMTY COLL	AUBURN	15	21	40.0	Y	Y
91450	GRIFFIN COLL	SEATTLE	25 E	28 F	12.0	Y	Y
91410	HERITAGE COLL	TOPPENISH	10	8	20.0-	Y	Y
91414	HIGHLINE CMTY COLL	DES MOINES	173	83	52.0-	Y	Y
91415	LOWER COLUMBIA CCLL	LONGVIEW	5	3	40.0-	Y	Y
91451	LUMMI CMTY CCLL	BELLINGHAM	1 E	N		N	N
914228	NORTH SEATTLE CMTY COLL	SEATTLE	0	8	**	Y	N
91416	NORTHWEST COLL	KIRKLAND	23	19	17.4-	Y	Y
91417	OLYMPIC COLL	BREMERTON	22	23	4.5	Y	Y
91418	PACIFIC LUTHERAN UNIV	TACOMA	227	199	12.3-	Y	Y
91419	PENINSULA COLL	PORT ANGELES	25	28	12.0	Y	Y
91409	PIERCE COLL	TACOMA	50 E	38 E	24.0-	Y	Y
91420	PUGET SOUND, UNIV OF	TACOMA	19	26	36.8	Y	Y
91422A	SEATTLE CENTRAL CMTY COLL	SEATTLE	72	78	8.3	Y	Y
91423	SEATTLE PACIFIC UNIV	SEATTLE	121	148	22.3	Y	Y
91424	SEATTLE UNIV	SEATTLE	312	312 L	0.0	Y	N
91425	SHORELINE CMTY CCLL	SEATTLE	225 E	222	1.3-	Y	Y
91426	SKAGIT VALLEY COLL	MOUNT VERNON	42	48	14.3	Y	Y
91442	SOUTH PUGET SOUNI CMTY C	OLYMPIA	69	4	94.2-	Y	Y
91422C	SOUTH SEATTLE CMTY COLL	SEATTLE	120	106	11.7-	Y	Y
91427	SPOKANE CMTY COLL	SPOKANE	8	10	25.0	Y	Y
91443	SPOKANE FALLS CMTY COLL	SPOKANE	31	30	3.2-	Y	Y
91421	ST MARTIN'S COLL	LACEY	52	72	38.5	Y	Y
91429	TACOMA CMTY COLL	TACOMA	79	85	7.6	Y	Y
91431	WALLA WALLA CMTY COLL	WALLA WALLA	11	14	27.3	Y	Y
91430	WALLA WALLA COLL	COLLEGE PLACE	86	82	4.7-	Y	Y
91432	WASHINGTON STATE UNIV	PULLMAN	935	967	3.4	Y	Y
91433	WASHINGTON, UNIV OF	SEATTLE	1,616	1,743	7.9	Y	Y
91434	WENATCHEE VALLEY COLL	WENATCHEE	8	10	25.0	Y	Y
91435	WESTERN WASHINGTON UNIV	BELLINGHAM	184	197	7.1	Y	Y
91444	WHATCOM CMTY COLL	BELLINGHAM	6	17	183.3	Y	Y
91436	WHITMAN COLL	WALLA WALLA	24	24 L	0.0	Y	N
91437	WHITWORTH COLL	SPOKANE	51	51	0.0	Y	Y
91438	YAKIMA VALLEY CMTY COLL	YAKIMA	60 E	60	0.0	Y	Y
	TOTAL WASHINGTON		5,988	6,245	4.3		
	WEST VIRGINIA						
55400	ALDERSON BROADDUS COLL	PHILIPPI	27	27	0.0	Y	Y
55402	BECKLEY COLL	BECKLEY	4	1	75.0-	Y	Y
55403	BETHANY COLL	BETHANY	28	34	21.4	Y	N
55404	BLUEFIELD STATE COLL	BLUEFIELD	17	17	0.0	Y	Y
55411	CHARLESTON, UNIV OF	CHARLESTON	31	35	12.9	Y	Y
55405	CONCORD COLL	ATHENS	10	21	110.0	Y	Y
55406	DAVIS & ELKINS CCLL	ELKINS	24	29	20.8	Y	Y
55407	FAIRMONT STATE CCLL	FAIRMONT	7	11	57.1	Y	Y
55408	GLENVILLE STATE COLL	GLENVILLE	13	28	115.4	Y	Y
55410	MARSHALL UNIV	HUNTINGTON	76	108 E	42.1	Y	Y
55413	OHIO VALLEY COLL	PARKERSBURG	3	5	66.7	Y	Y

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RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2. Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1987/88 TOTAL		1988/89 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
55414	PARKERSBURG CMTY COLL	PARKERSBURG	1		0		100.0-	Y	N
55421C	POTOMAC STATE COLL	KEYSER	0		1		**	Y	Y
55415A	SALEM COLL CLARKSBURG	CLARKSBURG	10	E	0		100.0-	Y	N
55415	SALEM COLL MAIN CAMPUS	SALEM	4		31		675.0	Y	Y
55416	SHEPHERD COLL	SHEPHERDSTOWN	7		6	E	14.3-	Y	Y
55417A	STHN W VA CC LOGAN	LOGAN	0		0			Y	N
55417B	STHN W VA CC WILLIAMSON	WILLIAMSON	0		0			Y	N
55418	WEST LIBERTY STATE COLL	WEST LIBERTY	10		13		30.0	Y	Y
55424	WEST VA COLL GRAD STUDIES	INSTITUTE	3		5		66.7	Y	Y
55419	WEST VA INST TECHNOLOGY	MONTGOMERY	118		107	E	9.3-	Y	Y
55425	WEST VA NTHN CMTY COLL	WHEELING	3		4		33.3	Y	Y
55420	WEST VA STATE COLL	INSTITUTE	13		6		53.8-	Y	Y
55421	WEST VA UNIV	MORGANTOWN	748		791		5.7	Y	Y
55422	WEST VA WESLEYAN COLL	BUCKHANNON	38		37		2.6-	Y	Y
55423	WHEELING COLL	WHEELING	25		30		20.0	Y	Y
	TOTAL WEST VIRGINIA		1,220		1,347		10.4		
	WISCONSIN								
35400	ALVERNO COLL	MILWAUKEE	6		5		16.7-	Y	Y
35465	BELLIN COLL OF NURSING	GREEN BAY	0		0			Y	N
35401	BELOIT COLL	BELOIT	69		68		1.4-	Y	Y
35453	BLACKHAWK TECHNICAL INST	JANESVILLE	0		0			Y	N
35402	CARDINAL STRITCH COLL	MILWAUKEE	4		6		50.0	Y	Y
35403	CARROLL COLL	WAUKESHA	12		10		16.7-	Y	Y
35404	CARTHAGE COLL	KENOSHA	6		20		233.3	Y	Y
35450	CHIPPEWA VALLEY TECH COLL	EAU CLAIRE	0		1		**	Y	Y
35464	COLUMBIA COLL OF NURSING	MILWAUKEE	0		1		**	Y	Y
35405	CONCORDIA COLL	MEQUON	12		17		41.7	Y	Y
35408	EDGEWOOD COLL	MADISON	20		35		75.0	Y	Y
35457	FOX VALLEY TECH INST	APPLETON	0		0			Y	N
35444A	GATEWAY TECH COLL-RACINE	RACINE	0		0			Y	N
35444	GATEWAY TECH INST-KENOSHA	KENOSHA	1		0		100.0-	Y	N
35412	INST OF PAPER CHEMISTRY	APPLETON	9		8		11.1-	Y	Y
35413	LAKELAND COLL	SHEBOYGAN	7		11		57.1	Y	Y
35449	LAKESHORE TECHNICAL COLL	CLEVELAND	1		1		0.0	Y	Y
35414	LAWRENCE UNIV	APPLETON	24		30		25.0	Y	Y
35416	MADISON AREA TECH COLL	MADISON	4		1		75.0-	Y	Y
35417	MARIAN COLL FOND DU LAC	FOND DU LAC	3		1		66.7-	Y	Y
35418	MARQUETTE UNIV	MILWAUKEE	492		484		1.6-	Y	Y
35419	MEDICAL COLL OF WISCONSIN	MILWAUKEE	20		25		25.0	Y	Y
35451	MID-STATE TECHNICAL COLL	WISC RAPIDS	1		0		100.0-	Y	N
35421	MILWAUKEE AREA TECH COLL	MILWAUKEE	16		19		18.8	Y	Y
35422	MILWAUKEE SCH ENGINEERING	MILWAUKEE	40		43		7.5	Y	N
35454	MORAINE PARK TECH COLL	FOND DU LAC	0		0			Y	N
35423	MOUNT MARY COLL	MILWAUKEE	21		20		4.8-	Y	Y
35424	MOUNT SENARIC COLL	LADYSMITH	37		37	L	0.0	Y	N
35443	NICOLET AREA TECH COLL	RHINELANDER	0		0			Y	N
35452	NORTHCENTRAL TECH COLL	WAUSAU	23		44		91.3	Y	Y
35445	NORTHEAST WISC TECH INST	GREEN BAY	0		0			Y	N
35426	NORTHLAND COLL	ASHLAND	10			N		N	N
35458	NORTHWESTERN COLL	WATERTOWN	0		1		**	Y	Y
35429	RIPON COLL	RIPON	23		27		17.4	Y	Y
35410	SILVER LAKE COLL	MANITOWOC	3		2		33.3-	Y	Y
35456	ST FRANCIS SEM	MILWAUKEE	7		6		14.3-	Y	Y
35432	ST NORBERT COLL	DE PERE	6		6		0.0	Y	Y
35448	STHWST WISC VOC TECH INST	FENNIMORE	0			N		N	N
35434	VITERBO COLL	LA CROSSE	5		3		40.0-	Y	Y
35455	WAUKESHA COUNTY TECH INST	PEWAUKEE	0		1		**	Y	Y
35446	WESTERN WISC TECH INST	LA CROSSE	0		0			Y	N
35440Y	WISCONSIN CENTERS, U OF	MADISON	58	E	74		27.6	Y	Y
35440B	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	194		167		13.9-	Y	Y
35440C	WISCONSIN GREEN BAY, U OF	GREEN BAY	76		72		5.3-	Y	Y
35463	WISCONSIN INDIANHEAD VOC	SHELL LAKE	0		0			Y	N
35440D	WISCONSIN LA CROSSE, U OF	LA CROSSE	58		70		20.7	Y	Y
35462	WISCONSIN LUTHERAN COLL	MILWAUKEE	3		3		0.0	Y	Y

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED. N-NO REPLY. Z-NOT ACCREDITED BY REGIONAL ACCREDITING COMMISSIONS.

RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2. Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1987/88 TOTAL	1988/89 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
35440	WISCONSIN MADISON, U OF	MADISON	2,825	2,919	3.3	Y	Y
35440G	WISCONSIN MILWAUKEE, U OF	MILWAUKEE	760	744	2.1-	Y	Y
35440H	WISCONSIN OSHKOSH, U OF	OSHKOSH	107	92	14.0-	Y	Y
35440J	WISCONSIN PARKSIDE, U OF	KENOSHA	25	24	4.0-	Y	Y
35440K	WISCONSIN PLATTEVL, U OF	PLATTEVILLE	45	55	22.2	Y	Y
35440M	WISCONSIN RIVER FLS, U OF	RIVER FALLS	52	51	1.9-	Y	Y
35466	WISCONSIN SCH PROF PSYCH	MILWAUKEE	0	0		Y	N
35440Q	WISCONSIN STEVNS PNT,U OF	STEVENS POINT	203	280	28.1	Y	Y
35440R	WISCONSIN STOUT, UNIV OF	MENOMONIE	188	146	22.3-	Y	Y
35440T	WISCONSIN SUPERIOR, U OF	SUPERIOR	44	37	15.9-	Y	Y
35440W	WISCONSIN WHITEWATER,U OF	WHITEWATER	131	112	14.5-	Y	Y
	TOTAL WISCONSIN		5,651	5,739	1.9		
	WYOMING						
83400	CASPER COLL	CASPER	8	6	25.0-	Y	Y
83401	CENTRAL WYOMING COLL	RIVERTON	2	6	200.0	Y	Y
83402	EASTERN WYOMING COLL	TORRINGTON	3	1	66.7-	Y	Y
83407	LARAMIE COUNTY CMTY COLL	CHEYENNE	0	1	**	Y	Y
83403	NORTHWEST CMTY COLL	POWELL	24	19	20.8-	Y	Y
83404	SHERIDAN COLL	SHERIDAN	20	12	40.0-	Y	Y
83405	WESTERN WYOMING COLL	ROCK SPRINGS	3	0	100.0-	Y	N
83406	WYOMING, UNIV OF	LARAMIE	428 E	426	0.5-	Y	Y
	TOTAL WYOMING		488	471	3.5-		
FINAL TOTALS			356,187	366,354	2.9		

INSTITUTIONS LISTED -- 2,904

A2. COUNTRY OR OTHER PLACE OF ORIGIN OF FOREIGN STUDENTS

Appendix 2 presents the distribution of nonimmigrant foreign students in institutions of higher education in the United States by country, or other locality, continental subregion, and world region of origin. The following statistics are presented:

1. The **1987/88 Extrapolated Count**, based on data reported in *Open Doors: 1987/88*
2. **Base Numbers**: the actual number of students for whom place-of-origin information was provided in the Annual Census (Step 2 form) in 1988/89 (see **Appendix A7**). Step 2 Institutional Data Reports were provided by 2,239 institutions for a total of 330,357 students.
3. **Percentage Distribution**: the number of foreign students from each country or other place of origin as a percentage of the total number of students for whom place-of-origin information was provided in 1988/89 (317,724 students). Percentages were not calculated for places with fewer than 160 students.
4. The **1988/89 Extrapolated Count**: an estimate of the number of students from each location based on the World Total of 366,350 foreign students, which is the rounded actual number of all nonimmigrant students reported in the survey in 1988/89. The World Total includes (**a**) the Base Number, 317,724 students on whom detailed country data were provided on the Step 2 form, (**b**) 12,633 students who were reported on the Step 2 forms, but for whom place-of-origin information was not given, and (**c**) an additional 35,997 students reported on the Step 1 card by 282 institutions that did not provide Step 2 data.

   For countries with a Base Number of 160 or more reported students, the Base Number was multiplied by 1.1530 and rounded to the nearest 10 to determine their extrapolated share of the total student count of 366,350. These figures are used in **Part I** of this book.
5. **Percent Change** from 1987/88 to 1988/89. Where available, Extrapolated Counts are used for the calculations; Base Numbers are used otherwise.

Countries or Other Places of Origin of Foreign Students, 1987/88 -1988/89

Region/Locality	AFRICA				
	1987/88	1988/89			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
EASTERN AFRICA					
Kenya	1,990	1,841	0.6	2,130	7.0
Ethiopia	1,870	1,663	0.5	1,920	2.7
Somalia	510	482	0.2	560	9.8
Tanzania	540	444	0.1	510	-5.6
Zimbabwe	470	407	0.1	470	0.0
Uganda	420	369	0.1	430	2.4
Zambia	380	324	0.1	370	-2.6
Malawi	151 *	213	0.1	250	+
Mauritius	102 *	114			11.8
Rwanda	54 *	60			11.1
Madagascar	54 *	74			37.0
Burundi	41 *	45			9.8
Mozambique	12 *	24			100.0
Seychelles	23 *	23			0.0
Djibouti	17 *	14			-17.6
Comoros	4 *	10			150.0
Reunion	0	1			—
Eastern Africa, Unspecified	1 *	2			100.0
Eastern Africa Total	**6,700**	**6,110**	**1.9**	**7,040**	**5.1**

** This is the base number, which is too small to be extrapolated.*

+ Percentage change was not calculated from the 1987/88 base number to the 1988/89 extrapolated count.

Countries or Other Places of Origin of Foreign Students, 1987/88 -1988/89

Region/Locality	AFRICA				
	1987/88	1988/89			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
CENTRAL AFRICA					
Cameroon	1,400	1,224	0.4	1,410	0.7
Zaire	300	267	0.1	330	10.0
Gabon	38 *	33			-13.2
Congo	20 *	22			10.0
Angola	14 *	17			21.4
Chad	31 *	17			-45.2
Central African Republic	21 *	14			-33.3
Sao Tome & Principe	12 *	12			0.0
Equatorial Guinea	16 *	9			-43.8
Central Africa Total	**1,880**	**1,635**	**0.5**	**1,890**	**0.8**
NORTH AFRICA					
Egypt	2,090	1,801	0.5	1,850	-11.5
Morocco	880	884	0.3	1,020	15.9
Tunisia	780	622	0.2	720	-8.3
Algeria	700	503	0.2	580	-17.1
Sudan	540	496	0.2	570	5.6
Libya	400	254	0.1	290	-27.5
Canary Islands	1 *	2			100.0
North Africa Total	**5,360**	**4,362**	**1.4**	**5,030**	**-6.2**
SOUTHERN AFRICA					
South Africa	2,130	1,889	0.6	2,180	2.3
Botswana	270	198	0.1	230	-14.8
Swaziland	149 *	137			-8.1
Namibia	105 *	136			29.5
Lesotho	76 *	91			19.7
Southern Africa Total	**2,770**	**2,451**	**0.8**	**2,830**	**2.2**
WEST AFRICA					
Nigeria	8,340	5,337	1.7	6,150	-26.3
Ghana	1,110	917	0.3	1,060	-4.5
Liberia	730	622	0.2	720	-1.4
Sierra Leone	420	347	0.1	400	-4.8
Ivory Coast	280	295	0.1	340	21.4
Senegal	145 *	186	0.1	210	44.8
Gambia	152 *	174	0.1	200	31.6
Mali	113 *	112			-0.9
Togo	50 *	66			32.0
Mauritania	45 *	62			37.8
Guinea	57 *	50			-12.3
Cape Verde	38 *	49			28.9
Niger	57 *	43			-24.6
Burkina Faso	30 *	36			20.0
Benin	23 *	26			13.0
Guinea-Bissau	32 *	25			-21.9
West Africa, Unspecified	14 *	13			-7.1
West Africa Total	**11,740**	**8,360**	**2.6**	**9,940**	**-15.3**
AFRICA, UNSPECIFIED	**4 ***	**6**			**50.0**
AFRICA, GRAND TOTAL	**28,450**	**22,924**	**7.2**	**26,430**	**-7.1**

** This is the base number, which is too small to be extrapolated.*

Countries or Other Places of Origin of Foreign Students, 1987/88 -1988/89

Region/Locality	ASIA				
	1987/88	1988/89			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
EAST ASIA					
China	25,170	25,184	7.9	29,040	15.4
Taiwan	26,666	24,944	7.9	26,780	7.9
Japan	18,050	20,817	6.6	24,000	33.0
Korea, Republic of	20,520	17,874	5.6	20,610	0.4
Hong Kong	10,650	9,157	2.9	10,560	-0.8
Macao	105 *	122			16.2
Korea, Dem. People's Republic	35 *	28			-20.0
East Asia Total	**101,210**	**98,126**	**30.8**	**113,140**	**11.8**
SOUTH AND CENTRAL ASIA					
India	21,010	20,252	6.4	23,350	11.1
Pakistan	6,570	6,114	1.9	7,050	7.3
Bangladesh	2,170	1,865	0.6	2,150	-0.9
Sri Lanka	2,030	1,782	0.6	2,060	1.5
Nepal	480	523	0.2	600	25.0
Afghanistan	87 *	100			14.9
Bhutan	30 *	33			10.0
Maldives	7 *	3			-57.1
South and Central Asia, Unspecified	0	115			—
South and Central Asia Total	**32,410**	**30,787**	**9.7**	**35,560**	**9.8**
SOUTHEAST ASIA					
Malaysia	19,480	14,021	4.4	16,170	-17.0
Indonesia	9,010	7,565	2.4	8,720	-3.2
Thailand	6,430	5,691	1.8	6,560	2.0
Philippines	4,420	3,936	1.2	4,450	0.7
Singapore	4,870	3,869	1.2	4,460	-8.4
Vietnam	1,690	1,350	0.4	1,560	-17.5
Laos	320	269	0.1	300	-6.3
Myanmar, Union of (Burma)	230	236	0.1	270	17.4
Cambodia	240	161	0.1	190	-20.8
Brunei	30 *	20			-33.3
Southeast Asia Total	**46,920**	**37,112**	**11.7**	**42,790**	**-8.8**
ASIA, GRAND TOTAL	**180,540**	**166,025**	**52.2**	**191,430**	**6.0**

** This is the base number, which is too small to be extrapolated.*

Countries or Other Places of Origin of Foreign Students, 1987/88 -1988/89

Region/Locality	EUROPE				
	1987/88	1988/89			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
EASTERN EUROPE					
Yugoslavia	750	778	0.2	900	20.0
Poland	740	747	0.2	860	16.2
Hungary	190	222	0.1	260	36.8
U.S.S.R.	77 *	166	0.1	190	115.6
Romania	72 *	85			18.1
Czechoslovakia	64 *	64			0.0
Bulgaria	40 *	44			10.0
German, Dem. Rep.	19 *	25			31.6
Albania	2 *	1			-50.0
Eastern Europe Total	**2,000**	**2,132**	**0.7**	**2,460**	**23.0**
WESTERN EUROPE					
United Kingdom	6,600	5,901	1.9	6,800	3.0
Germany, Fed. Rep. of	5,730	5,500	1.7	6,340	10.6
France	4,310	4,235	1.3	4,880	13.2
Greece	4,140	3,785	1.2	4,360	5.3
Spain	2,500	2,647	0.8	3,050	22.0
Italy	2,200	2,051	0.6	2,370	7.7
Norway	1,880	1,829	0.6	2,110	12.2
Netherlands	1,630	1,526	0.5	1,760	8.0
Sweden	1,600	1,479	0.5	1,710	6.9
Ireland	1,170	1,210	0.4	1,400	19.7
Switzerland	1,040	1,046	0.3	1,210	16.3
Belgium	880	809	0.3	930	5.7
Denmark	670	659	0.2	760	13.4
Finland	660	598	0.2	690	4.5
Iceland	640	583	0.2	670	4.7
Portugal	610	578	0.2	670	9.8
Austria	480	447	0.1	520	8.3
Luxembourg	29 *	30			3.4
Malta	36 *	27			-25.0
Monaco	8 *	10			25.0
Andorra	3 *	5			66.7
Liechtenstein	4 *	4			0.0
Gibraltar	0	1			—
Vatican City	1 *	1			0.0
Western Europe Total	**36,820**	**34,961**	**11.0**	**40,310**	**9.5**
EUROPE, GRAND TOTAL	**38,820**	**37,093**	**11.7**	**42,770**	**10.2**

** This is the base number, which is too small to be extrapolated.*
◆ Percentage change was not calculated from the 1987/88 base number to the 1988/89 extrapolated count.

Countries or Other Places of Origin of Foreign Students, 1987/88 -1988/89

Region/Locality	LATIN AMERICA				
	1987/88	1988/89			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
CARIBBEAN					
Jamaica	2,280	2,101	0.7	2,420	6.1
Trinidad and Tobago	2,050	1,817	0.6	2,100	2.4
Bahamas	1,710	1,530	0.5	1,760	2.9
Haiti	1,460	1,297	0.4	1,500	2.7
Cuba	1,230	894	0.3	1,030	-16.3
Dominican Republic	740	768	0.2	890	20.3
Netherlands Antilles	690	590	0.2	680	-1.4
Barbados	440	378	0.1	440	0.0
Antigua	200	185	0.1	210	5.0
Grenada	151 *	150			-0.7
St. Kitts-Nevis	79 *	121			53.2
British Virgin Islands	61 *	120			96.7
Dominica	86 *	89			3.5
St. Lucia	59 *	72			22.0
Cayman Islands	41 *	47			14.6
St. Vincent	41 *	46			12.2
Montserrat	11 *	21			90.9
Anguilla	16 *	14			-12.5
Turks and Caicos Islands	6 *	8			33.3
Martinique	5 *	7			40.0
Guadeloupe	5 *	6			20.0
Leeward Islands	4 *	4			0.0
Caribbean, Unspecified	110 *	105			-4.5
Caribbean Total	**11,580**	**10,370**	**3.3**	**11,960**	**3.3**
CENTRAL AMERICA					
Mexico	6,170	5,014	1.6	5,780	-6.3
Nicaragua	2,100	1,927	0.6	2,220	5.7
Panama	1,910	1,805	0.6	2,080	8.9
Honduras	1,250	11,196	0.4	1,380	10.4
El Salvador	1,110	1,114	0.4	1,280	15.3
Costa Rica	930	876	0.3	10,101	986.1
Guatemala	740	695	0.2	800	8.1
Belize	350	255	0.1	290	-17.1
Central America Total	**14,550**	**12,882**	**4.1**	**14,850**	**2.1**
SOUTH AMERICA					
Colombia	3,370	2,936	0.9	3,390	0.6
Brazil	2,950	2,863	0.9	3,300	11.9
Venezuela	3,790	2,640	0.8	3,040	-19.8
Peru	2,290	2,058	0.6	2,370	3.5
Argentina	1,650	1,518	0.5	1,750	6.1
Chile	1,110	984	0.3	1,140	2.7
Ecuador	1,110	958	0.3	1,110	0.0
Bolivia	980	816	0.3	940	-4.1
Guyana	500	403	0.1	470	-6.0
Uruguay	260	240	0.1	280	7.7
Paraguay	190	199	0.1	230	21.1
Suriname	230	180	0.1	210	-8.7
French Guiana	5 *	3			-40.0
South America Total	**18,420**	**15,798**	**4.9**	**18,220**	**-1.1**
LATIN AMERICA, GRAND TOTAL	**44,550**	**39,050**	**12.3**	**45,030**	**1.1**

* This is the base number, which is too small to be extrapolated.

Countries or Other Places of Origin of Foreign Students, 1987/88 -1988/89

Region/Locality	1987/88 Extrapolated Count	1988/89 Base Number	1988/89 % Distribution	1988/89 Extrapolated Count	% Change
MIDDLE EAST					
Iran	10,420	7,759	2.4	8,950	-14.1
Lebanon	5,620	4,445	1.4	5,130	-11.9
Saudi Arabia	5,490	4,310	1.4	4,970	-9.5
Jordan	5,140	4,265	1.3	4,940	-3.9
Turkey	2,630	2,614	0.8	3,010	14.4
Kuwait	3,160	2,367	0.7	2,730	-13.6
Israel	2,690	2,321	0.7	2,680	-0.4
Syria	1,740	1,481	0.5	1,710	-1.7
Cyprus	1,890	1,480	0.5	1,710	-9.5
United Arab Emirates	1,380	1,266	0.4	1,460	5.8
Iraq	990	691	0.2	800	-19.2
Oman	720	580	0.2	680	-5.6
Yemen Arab Republic	560	470	0.1	540	-3.6
Qatar	620	444	0.1	510	-17.7
Bahrain	350	309	0.1	360	2.9
Yemen, Peoples Dem. Republic	27 *	25			-7.4
MIDDLE EAST, GRAND TOTAL	**43,630**	**34,863**	**11.0**	**40,200**	**-7.9**
NORTH AMERICA					
Canada	15,690	13,900	4.4	16,030	2.2
Bermuda	670	810	0.2	700	4.5
NORTH AMERICA , GRAND TOTAL	**16,360**	**14,510**	**4.6**	**16,730**	**2.3**
OCEANIA					
Australia	1,490	1,369	0.4	1,580	6.0
Pacific Islands Trust Territories	1,030	758	0.2	870	-15.5
New Zealand	560	500	0.2	580	3.6
Fiji	153 *	141			-7.2
Western Samoa	97 *	122			25.8
Tonga	128 *	117			-8.6
French Polynesia	48 *	55			14.6
Kiribati	17 *	26			52.9
Papua New Guinea	19 *	19			5.6
Cook Islands	3 *	12			300.0
New Caledonia	3 *	7			133.3
Solomon Islands	9 *	4			-55.6
Tuvalu	0	1			—
Vanuatu	0	1			—
OCEANIA, GRAND TOTAL	**3,620**	**3,132**	**1.0**	**3,610**	**-0.3**
STATELESS	**220**	**127**	**—**	**150**	**-31.8**
WORLD TOTAL	**356,190**	**317,724**	**100.0**	**366,350**	**2.9**

* This is the base number, which is too small to be extrapolated.

A3. FIELDS OF STUDY

Major Field- of-Study Categories

AGRICULTURE
01 Agribusiness and Agricultural Production
02 Agricultural Sciences
03 Renewable Natural Resources

ARCHITECTURE AND ENVIRONMENTAL DESIGN
04 Architecture and Environmental Design

AREA AND ETHNIC STUDIES
05 Area and Ethnic studies

BUSINESS
06 Business and Management
07 Business and Office
08 Business and Distribution

COMMUNICATIONS
09 Communications
10 Communication Technologies

COMPUTER AND INFORMATION SCIENCES
11 Computer and Information Sciences

CONSUMER, PERSONAL AND MISCELLANEOUS SERVICES
12 Consumer, Personal and Miscellaneous Services

EDUCATION
13 Education

ENGINEERING
14 Engineering
15 Engineering and Engineering-Related Technologies

FOREIGN LANGUAGES
16 Foreign Languages

HEALTH
17 Allied Health
18 Health Science

HOME ECONOMICS
19 Home Economics
20 Vocational Home Economics

INDUSTRIAL ARTS
21 Industrial Arts

LAW
22 Law

LETTERS
23 Letters

LIBERAL/GENERAL STUDIES
24 Liberal/General Studies

LIBRARY AND ARCHIVAL SCIENCES
25 Library and Archival Sciences

LIFE SCIENCES
26 Life Sciences

MATHEMATICS
27 Mathematics

MILITARY SCIENCES
28 Military Sciences
29 Military Technologies

MULTI/INTERDISCIPLINARY STUDIES
30 Multi/Interdisciplinary Studies

PARKS AND RECREATION
31 Parks and Recreation

PERSONAL AND SOCIAL DEVELOPMENT
31 Basic Skills
32 Citizenship/Civic Activities
34 Health-Related Activities
35 Interpersonal Skills
36 Leisure and Recreational Activities
37 Personal Awareness

PHILOSOPHY, RELIGION AND THEOLOGY
38 Philosophy, Religion
39 Theology

PUBLIC AFFAIRS AND PROTECTIVE SERVICES
40 Protective Services
41 Public Affairs

SOCIAL SCIENCES
42 Social Sciences

TRADE AND INDUSTRIAL
46 Consumer Trades
47 Mechanics and Repairs
48 Precision Production
49 Transportation and Material Moving

VISUAL AND PREFORMING ARTS
50 Visual Arts

INTENSIVE ENGLISH LANGUAGE
60 Intensive English Language

UNDECIDED
60 Undecided

DETAILED FIELD-OF-STUDY CATEGORIES

A classification of instructional programs produced by the National Center for Education Statistics

CODE	FIELD OF STUDY
01.0000	**AGRIBUSINESS AND AGRICULTURAL PRODUCTION**
01.0101	Agricultural business and management, general
01.0102	Agricultural business
01.0103	Agricultural economics
01.0104	Farm and ranch management
01.0199	Agricultural business and management, other
01.0201	Agricultural mechanics, general
01.0202	Agricultural electrification, power, and controls
01.0203	Agricultural mechanics, construction, and maintenance skills
01.0204	Agricultural power machinery
01.0205	Agricultural structures, equipment, and facilities
01.0206	Soil and water mechanical practices
01.0299	Agricultural mechanics, other
01.0301	Agricultural production, general
01.0302	Animal production
01.0303	Aquaculture
01.0304	Crop production
01.0305	Game farm management
01.0399	Agricultural production, other
01.0401	Agricultural products and processing, general
01.0402	Food products
01.0403	Nonfood products
01.0499	Agricultural products and processing, other
01.0501	Agricultural services and supplies, general
01.0502	Agricultural services
01.0503	Agricultural supplies marketing
01.0504	Animal grooming
01.0505	Animal training
01.0506	Horseshoing
01.0599	Agricultural services and supplies, other
01.0601	Horticulture, general
01.0602	Arboriculture
01.0603	Floriculture
01.0604	Greenhouse operation and management
01.0605	Landscaping
01.0606	Nursery operation and management
01.0607	Turf management
01.0699	Horticulture, other
01.0701	International agriculture
01.9999	Agribusiness and agricultural production, other
02.0000	**AGRICULTURAL SCIENCES**
02.0101	Agricultural sciences, general
02.0201	Animal sciences, general
02.0202	Animal breeding and genetics
02.0203	Animal health
02.0204	Animal nutrition
02.0205	Animal physiology
02.0206	Dairy
02.0207	Fisheries science
02.0208	Livestock
02.0209	Poultry
02.0299	Animal sciences, other
02.0301	Food sciences, general
02.0302	Dairy processing
02.0303	Food distribution
02.0304	Food engineering
02.0305	Food packaging
02.0306	Food technology
02.0399	Food sciences, other
02.0401	Plant sciences, general
02.0402	Agronomy
02.0403	Horticulture science
02.0404	Ornamental horticulture
02.0405	Plant breeding and genetics
02.0406	Plant pathology (applied)
02.0407	Plant physiology
02.0408	Plant protection (pest management)
02.0409	Range management
02.0410	Turf management science
02.0499	Plant sciences, other
02.0501	Soil sciences, general
02.0502	Soil chemistry
02.0503	Soil conservation
02.0504	Soil management and fertility
02.0505	Soil microbiology
02.0506	Soil physics
02.0599	Soil sciences, other
02.9999	Agricultural sciences, other
03.0000	**RENEWABLE NATURAL RESOURCES**
03.0101	Renewable natural resources, general
03.0201	Conservation and regulation, general
03.0202	Conservation
03.0203	Resources protection and regulation
03.0299	Conservation and regulation, other
03.0301	Fishing and fisheries, general
03.0302	Fisheries
03.0399	Fishing and fisheries, other
03.0401	Forestry production and processing, general
03.0402	Forest production
03.0403	Forest products utilization
03.0404	Forest products processing technology
03.0405	Logging
03.0406	Pulp and paper production
03.0499	Forestry production and processing, other
03.0501	Forestry and related sciences, general
03.0502	Forestry science
03.0503	Forest biology
03.0504	Forest engineering
03.0505	Forest hydrology
03.0506	Forest management
03.0507	Forest mensuration
03.0508	Urban forestry
03.0509	Wood science
03.0599	Forestry and related sciences, other
03.0601	Wildlife management
03.9999	Renewable natural resources, other
04.0000	**ARCHITECTURE AND ENVIRONMENTAL DESIGN**
04.0101	Architecture and environmental design, general
04.0201	Architecture
04.0301	City, community, and regional planning
04.0401	Environmental design
04.0501	Interior design
04.0601	Landscape architecture
04.0701	Urban design
04.9999	Architecture and environmental design, other
05.0000	**AREA AND ETHNIC STUDIES**
05.0101	African studies
05.0102	American studies
05.0103	Asian studies, general
05.0104	East Asian studies
05.0105	Eastern European studies
05.0106	European studies, general
05.0107	Latin American studies
05.0108	Middle Eastern studies
05.0109	Pacific area studies
05.0110	Russian and Slavic studies
05.0111	Scandinavian studies
05.0112	South Asian studies
05.0113	Southeast Asian studies
05.0114	Western European studies
05.0199	Areas studies, other
05.0201	Afro-American (black) studies
05.0202	American Indian studies
05.0203	Hispanic-American studies
05.0204	Islamic studies
05.0205	Jewish studies
05.0299	Ethnic studies, other
05.9999	Area and ethnic studies, other
06.0000	**BUSINESS AND MANAGEMENT**
06.0101	Business and management, general
06.0201	Accounting
06.0301	Banking and finance
06.0401	Business administration and management, general
06.0402	Contract management and procurement/purchasing

06.0403 Product management
06.0404 Systems efficiency analysis
06.0499 Business administration and management, other
06.0501 Business economics
06.0601 Human resources development
06.0701 Hotel/motel management
06.0702 Recreational enterprises management
06.0703 Resort management
06.0704 Restaurant management
06.0705 Transportation management
06.0799 Institutional management, other
06.0801 Insurance and risk management
06.0901 International business management
06.1001 Investments and securities
06.1101 Labor/industrial relations
06.1201 Management information systems
06.1301 Business statistics
06.1302 Operations research (quantitative methods)
06.1399 Management science, other
06.1401 Marketing management
06.1402 Marketing research
06.1499 Marketing management and research, other
06.1501 Organizational behavior
06.1601 Personnel management
06.1701 Real estate, general
06.1702 Commercial property
06.1703 Property management
06.1704 Real estate appraisal
06.1705 Real estate finance
06.1706 Real estate law
06.1707 Residential property
06.1799 Real estate, other
06.1801 Small business management
06.1802 Small business ownership
06.1899 Small business management and ownership, other
06.1901 Taxation
06.2001 Trade and industrial supervision and management
06.9999 Business and management, other

07.0000 BUSINESS AND OFFICE
07.0101 Accounting, bookkeeping, and related programs, general
07.0102 Accounting and computing
07.0103 Bookkeeping
07.0104 Machine billing, bookkeeping, and computing
07.0199 Accounting, bookkeeping, and related programs, other
07.0201 Banking and related financial programs, general
07.0202 Credit collection clerk
07.0203 Insurance clerk
07.0204 Loan clerk
07.0205 Teller
07.0206 Transit clerk
07.0299 Banking and related financial programs, other
07.0300 Business data processing and related programs
07.0301 Business data processing and related programs, general
07.0302 Business computer and console operation
07.0303 Business data entry equipment operation
07.0304 Business data peripheral equipment operation
07.0305 Business data programming
07.0306 Business systems analysis
07.0399 Business data processing and related programs, other
07.0401 Office supervision and management
07.0501 Personnel and training programs, general
07.0502 Educational assisting and training
07.0503 Personnel assisting
07.0599 Personnel and training programs, other
07.0601 Secretarial and related programs, general
07.0602 Court reporting
07.0603 Executive secretarial
07.0604 Legal secretarial
07.0605 Medical secretarial
07.0606 Secretarial
07.0607 Stenographic
07.0608 Word processing
07.0699 Secretarial and related programs, other
07.0701 Typing, general office, and related programs, general
07.0702 Clerk-typist
07.0703 Correspondence clerk
07.0704 Duplicating machine operation
07.0705 General office clerk
07.0706 Mail and order clerk
07.0707 Receptionist and communication systems operation
07.0708 Shipping, receiving, and stock clerk
07.0709 Traffic, rate, and transportation clerk
07.0710 Typing
07.0799 Typing, general office, and related programs, other
07.9999 Business and office, other

08.0000 MARKETING AND DISTRIBUTION
08.0101 Apparel and accessories marketing, general
08.0102 Fashion merchandising
08.0103 Fashion modeling
08.0104 Footwear marketing
08.0105 Jewelry marketing
08.0199 Apparel and accessories marketing, other
08.0201 Business and personal services marketing, other
08.0202 Display
08.0203 Marketing of business or personal services
08.0299 Business and personal services marketing, other
08.0301 Entrepreneurship, general
08.0401 Financial services marketing, general
08.0402 Banking marketing
08.0403 Credit marketing
08.0404 Credit union marketing
08.0405 Savings and loan marketing
08.0406 Securities and commodities marketing
08.0499 Financial services marketing, other
08.0501 Floristry, farm, and garden supplies marketing, general
08.0502 Farm and garden supplies marketing
08.0503 Floristry
08.0599 Floristry, farm, and garden supplies marketing, other
08.0601 Food marketing, general
08.0602 Convenience store marketing
08.0603 Specialty foods marketing
08.0604 Supermarket marketing
08.0605 Wholesale food marketing
08.0699 Food marketing, other
08.0701 Auctioneering
08.0702 Industrial sales
08.0703 International marketing
08.0704 Purchasing
08.0705 Retailing
08.0706 Sales
08.0707 Wholesaling
08.0799 General marketing, other
08.0801 Home and office products marketing, general
08.0802 Appliance marketing
08.0803 Building materials marketing
08.0804 Floor coverings, draperies, and upholstery marketing
08.0805 Furniture marketing
08.0806 Hardware marketing
08.0807 Office products and equipment marketing
08.0808 Specialty home furnishing marketing
08.0899 Home and office products marketing, other
08.0901 Hospitality and recreation marketing, general
08.0902 Marketing of hotel/motel services
08.0903 Marketing of recreational services
08.0904 Recreational products marketing
08.0905 Waiter/waitress and related services
08.0999 Hospitality and recreation marketing, other
08.1001 Insurance marketing, general
08.1002 Accident and health insurance marketing
08.1003 Life insurance marketing
08.1004 Property and casualty insurance marketing
08.1099 Insurance marketing, other
08.1101 Transportation and travel marketing, general
08.1102 Freight transportation marketing
08.1103 Passenger transportation marketing
08.1104 Tourism
08.1105 Travel services marketing
08.1106 Warehouse services marketing
08.1199 Transportation and travel marketing, other
08.1201 Vehicles and petroleum marketing, general
08.1202 Agricultural implements and machinery marketing
08.1203 Automotive vehicles and accessories marketing
08.1204 Petroleum wholesaling
08.1205 Recreational vehicles and accessories marketing
08.1206 Service station retailing
08.1207 Vehicle rental and leasing
08.1299 Vehicles and petroleum marketing, other
08.9999 Marketing and distribution, other

09.0000 COMMUNICATIONS
09.0101 Communications, general
09.0201 Advertising
09.0301 Communications research
09.0401 Journalism (mass communications)
09.0501 Public relations
09.0601 Radio/television news broadcast
09.0701 Radio/television, general
09.9999 Communications, other

10.0000 COMMUNICATION TECHNOLOGIES
10.0101 Educational media technology

10.0102 Motion picture technology
10.0103 Photographic technology
10.0104 Radio and television production and broadcasting technology
10.0199 Communication technologies, other

11.0000 COMPUTER AND INFORMATION SCIENCES
11.0101 Computer and information sciences, general
11.0201 Computer programming
11.0301 Data processing
11.0401 Information sciences and systems
11.0501 Systems analysis
11.9999 Computer and information sciences, other

12.0000 CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES
12.0101 Drycleaning and laundering services, general
12.0102 Drycleaning
12.0103 Laundering
12.0199 Drycleaning and laundering services, other
12.0201 Entertainment services, general
12.0202 Bartending
12.0203 Card dealing
12.0204 Umpiring
12.0299 Entertainment services, other
12.0301 Funeral services
12.0401 Personal services, general
12.0402 Barbering
12.0403 Cosmetology
12.0404 Electrolysis
12.0405 Massage
12.0499 Personal services, other
12.9999 Consumer, personal, and miscellaneous services, other

13.0000 EDUCATION
13.0101 Education, general
13.0201 Bilingual/bicultural education
13.0301 Curriculum and instruction
13.0401 Education administration, general
13.0402 Administration of special education
13.0403 Adult and continuing education administration
13.0404 Educational supervision
13.0405 Elementary and secondary education administration
13.0406 Higher education administration
13.0407 Community college education administration
13.0499 Education administration, other
13.0501 Educational media
13.0601 Evaluation and research, general
13.0602 Adult and continuing education research
13.0603 Educational statistics and research
13.0604 Educational testing, evaluation, and measurement
13.0605 Elementary and secondary research
13.0606 Higher education research
13.0699 Evaluation and research, other
13.0701 International and comparative education
13.0801 School psychology
13.0901 Social foundations
13.1001 Special education, general
13.1002 Education of the culturally disadvantaged
13.1003 Education of the deaf and hearing impaired
13.1004 Education of the gifted and talented
13.1005 Education of the emotionally handicapped
13.1006 Education of the mentally handicapped
13.1007 Education of the multiple handicapped
13.1008 Education of the physically handicapped
13.1009 Education of the visually handicapped
13.1010 Remedial education
13.1011 Specific learning disabilities
13.1012 Speech correction
13.1099 Special education, other
13.1101 Student counseling and personnel services
13.1201 Adult and continuing education
13.1202 Elementary education
13.1203 Junior high education
13.1204 Pre-elementary education
13.1205 Secondary education
13.1299 Teacher education, general programs, other
13.1301 Agricultural education
13.1302 Art education
13.1303 Business education
13.1304 Driver and safety education
13.1305 English education
13.1306 Foreign languages education
13.1307 Health education
13.1308 Home economics education
13.1309 Industrial arts education
13.1310 Marketing and distributive education
13.1311 Mathematics education
13.1312 Music education
13.1313 Nutritional education
13.1314 Physical education
13.1315 Reading education
13.1316 Science education
13.1317 Social science education
13.1318 Social studies education
13.1319 Technical education
13.1320 Trade and industrial education
13.1399 Teacher education, specific subject areas, other
13.1401 Teaching English as a second language/foreign language
13.9999 Education, other

14.0000 ENGINEERING
14.0101 Engineering, general
14.0201 Aerospace, aeronautical, and astronautical engineering
14.0301 Agricultural engineering
14.0401 Architectural engineering
14.0501 Bioengineering and biomedical engineering
14.0601 Ceramic engineering
14.0701 Chemical engineering
14.0801 Civil engineering
14.0901 Computer engineering
14.1001 Electrical, electronics, and communications engineering
14.1101 Engineering mechanics
14.1201 Engineering physics
14.1301 Engineering science
14.1401 Environmental health engineering
14.1501 Geological engineering
14.1601 Geophysical engineering
14.1701 Industrial engineering
14.1801 Materials engineering
14.1901 Mechanical engineering
14.2001 Metallurgical engineering
14.2101 Mining and mineral engineering
14.2201 Naval architecture and marine engineering
14.2301 Nuclear engineering
14.2401 Ocean engineering
14.2501 Petroleum engineering
14.2601 Surveying and mapping sciences
14.2602 Cartography
14.2701 Systems engineering
14.2801 Textile engineering
14.9999 Engineering, other

15.0000 ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES
15.0101 Architectural design and construction technology
15.0102 Architectural interior design technology
15.0199 Architectural technologies, other
15.0201 Civil technology
15.0202 Drafting and design technology
15.0203 Surveying and mapping technology
15.0204 Urban planning technology
15.0299 Civil technologies, other
15.0301 Computer technology
15.0302 Electrical technology
15.0303 Electronic technology
15.0304 Laser electro-optic technology
15.0399 Electrical and electronic technologies, other
15.0401 Biomedical equipment technology
15.0402 Computer servicing technology
15.0403 Electromechanical technology
15.0404 Instrumentation technology
15.0499 Electromechanical instrumentation and maintenance technologies, other
15.0501 Air conditioning, heating, and refrigeration technology
15.0502 Air pollution control technology
15.0503 Energy conservation and use technology
15.0504 Sanitation technology
15.0505 Solar heating and cooling technology
15.0506 Water and wastewater technology
15.0599 Environmental control technologies, other
15.0601 Chemical manufacturing technology
15.0602 Food processing technology
15.0603 Industrial technology
15.0604 Manufacturing technology
15.0605 Marine products technology
15.0606 Optical technology
15.0607 Plastic technology
15.0608 Safety technology
15.0609 Textile technology
15.0610 Welding technology
15.0699 Industrial production technologies, other
15.0701 Occupational safety and health technologies, other
15.0702 Quality control technology
15.0799 Quality control and safety technologies, other
15.0801 Aeronautical technology
15.0802 Agricultural equipment technology
15.0803 Automotive technology

15.0804 Marine propulsion technology
15.0805 Mechanical design technology
15.0899 Mechanical and related technologies, other
15.0901 Coal mining technology
15.0902 Mining (excluding coal) technology
15.0903 Petroleum technology
15.0999 Mining and petroleum technologies, other
15.9999 Engineering and engineering-related technologies, other

16.0000 **FOREIGN LANGUAGES**
16.0101 Foreign languages, multiple emphasis
16.0201 African (non-semitic) languages
16.0301 Chinese
16.0302 Japanese
16.0303 Korean
16.0399 Asiatic languages, other
16.0401 Baltic languages
16.0402 Russian
16.0403 Slavic languages, (other than Russian)
16.0501 German
16.0502 Scandinavian languages
16.0503 Yiddish
16.0599 Germanic languages, other
16.0601 Greek (classical)
16.0602 Greek (modern)
16.0701 Hindi
16.0702 Sanskrit
16.0799 Indic languages, other
16.0801 Iranian languages
16.0901 French
16.0902 Italian
16.0903 Latin
16.0904 Portuguese
16.0905 Spanish
16.0999 Italic languages, other
16.1001 Native American languages
16.1101 Arabic
16.1102 Hebrew
16.1199 Semitic languages, other
16.9999 Foreign languages, other

17.0000 **ALLIED HEALTH**
17.0101 Dental assisting
17.0102 Dental hygiene
17.0103 Dental laboratory technology
17.0199 Dental services, other
17.0201 Cardiopulmonary technology
17.0202 Dialysis technology
17.0203 Electrocardiographic technology
17.0204 Electroencephalogram technology
17.0205 Emergency medical technology — ambulance
17.0206 Emergency medical technology — paramedic
17.0207 Medical radiation dosimetry
17.0208 Nuclear medical technology
17.0209 Radiograph medical technology
17.0210 Respiratory therapy technology
17.0211 Surgical technology
17.0212 Ultrasound technology
17.0299 Diagnostic and treatment services, other
17.0301 Blood bank technology
17.0302 Chemistry technology
17.0303 Clinical animal technology
17.0304 Clinical laboratory aide
17.0305 Clinical laboratory assisting
17.0306 Cytotechnology
17.0307 Hematology technology
17.0308 Histologic technology
17.0309 Medical laboratory technology
17.0310 Medical technology
17.0311 Microbiology technology
17.0399 Medical laboratory technologies, other
17.0401 Alcohol/drug abuse specialty
17.0402 Community health work
17.0403 Genetic counseling
17.0404 Home health aide
17.0405 Mental health/human services assisting
17.0406 Mental health/human services technology
17.0407 Rehabilitation counseling
17.0408 Therapeutic child care work
17.0499 Mental health/human services, other
17.0501 Animal technology
17.0502 Central supply technology
17.0503 Medical assisting
17.0504 Medical illustrating
17.0505 Medical office management
17.0506 Medical records technology
17.0507 Pharmacy assisting
17.0508 Physician assisting — primary care
17.0509 Physician assisting — specialty
17.0510 Podiatric assisting
17.0511 Veterinarian aide
17.0512 Veterinarian assisting
17.0513 Ward clerk
17.0599 Miscellaneous allied health services, other
17.0601 Geriatric aide
17.0602 Nursing assisting
17.0603 Obstetrical technology
17.0604 Pediatric aide
17.0605 Practical nursing
17.0606 Ward service management
17.0699 Nursing-related services, other
17.0701 Ophthalmic dispensing
17.0702 Ophthalmic laboratory technology
17.0703 Ophthalmic medical assisting
17.0704 Optometric assisting
17.0705 Optometric technology
17.0706 Orthoptics
17.0799 Ophthalmic services, other
17.0801 Art therapy
17.0802 Corrective therapy
17.0803 Dance therapy
17.0804 Exercise physiology
17.0805 Manual arts therapy
17.0806 Music therapy
17.0807 Occupational therapy
17.0808 Occupational therapy assisting
17.0809 Occupational therapy aide
17.0810 Orthotic/prosthetic assisting
17.0811 Orthotics/prosthetics
17.0812 Orthopedic assisting
17.0813 Physical therapy
17.0814 Physical therapy aide
17.0815 Physical therapy assisting
17.0816 Recreational therapy
17.0817 Recreational therapy technology
17.0818 Respiratory therapy
17.0819 Respiratory therapy assisting
17.0820 Speech/hearing therapy aide
17.0821 Speech-language pathology/audiology
17.0899 Rehabilitation services, other
17.0999 Allied health, other

18.0000 **HEALTH SCIENCES**
18.0101 Audiology
18.0102 Speech pathology
18.0103 Speech pathology/audiology
18.0199 Audiology and speech pathology, other
18.0201 Clinical anatomy
18.0202 Clinical biochemistry
18.0203 Clinical microbiology
18.0204 Clinical pathology
18.0205 Physiology
18.0299 Basic clinical health sciences, other
18.0301 Chiropractic
18.0401 Dentistry, general
18.0402 Dental public health
18.0403 Endodontics
18.0404 Oral/maxial facial surgery
18.0405 Oral pathology
18.0406 Orthodontics
18.0407 Pedodontics
18.0408 Periodontics
18.0409 Prosthodontics
18.0499 Dentistry, other
18.0501 Emergency/disaster science
18.0601 Epidemiology
18.0701 Health care administration
18.0702 Health care planning
18.0703 Medical records administration
18.0799 Health sciences administration, other
18.0801 Hematology
18.0901 Medical laboratory
18.1001 Medicine, general
18.1002 Allergies and endomology
18.1003 Anesthesiology
18.1004 Colon and rectal surgery
18.1005 Dermatology
18.1006 Emergency medicine
18.1007 Family practice
18.1008 Geriatrics
18.1009 Immunology
18.1010 Internal medicine

18.1011 Neurological surgery
18.1012 Nuclear medicine
18.1013 Obstetrics and gynecology
18.1014 Ophthalmology
18.1015 Orthodontic surgery
18.1016 Othopedic
18.1017 Otorhinolamgology otolaryngology
18.1018 Pathology
18.1019 Pediatrics
18.1020 Physical medicine and rehabilitation
18.1021 Plastic surgery
18.1022 Preventive medicine
18.1023 Psychiatry
18.1024 Neurology
18.1025 Radiology
18.1026 Surgery
18.1027 Thoracic surgery
18.1028 Urology
18.1099 Medicine, other
18.1101 Nursing, general
18.1102 Anesthetist
18.1103 Maternal child health
18.1104 Medical surgical
18.1105 Nursing administration
18.1106 Psychiatric mental health
18.1107 Public health
18.1199 Nursing, other
18.1201 Optometry
18.1301 Osteopathic medicine
18.1401 Pharmacy
18.1501 Podiatry
18.1601 Population and family planning
18.1701 Pre-dentistry
18.1801 Pre-medicine
18.1901 Pre-pharmacy
18.2001 Pre-veterinary
18.2101 Prosectorial science
18.2201 Public health laboratory science
18.2301 Toxicology (clinical)
18.2401 Veterinary medicine
18.2501 Public health (general)
18.9999 Health sciences, other

19.0000 **HOME ECONOMICS**
19.0101 Home economics, general
19.0201 Business home economics
19.0301 Family and community services, general
19.0302 Nonformal education (extension, adult/extended)
19.0303 Family services
19.0399 Family and community services, other
19.0401 Family/consumer resource management, general
19.0402 Consumer science
19.0403 Family economics
19.0499 Family/consumer resource management, other
19.0501 Food sciences and human nutrition, general
19.0502 Food/food sciences
19.0503 Dietetics/human nutritional services
19.0504 Human nutrition
19.0599 Food sciences and human nutrition, other
19.0601 Human environment and housing, general
19.0602 Household equipment
19.0603 Housing
19.0699 Human environment and housing, other
19.0701 Individual and family development, general
19.0702 Adult development
19.0703 Family counseling
19.0704 Family relations
19.0705 Geriatric services
19.0799 Individual and family development, other
19.0801 International/comparative home economics
19.0901 Textiles and clothing, general
19.0902 Fashion design
19.0903 Textiles and clothing, retail
19.0904 Textile science
19.0999 Textiles and clothing, other
19.9999 Home economics, other

20.0000 **VOCATIONAL HOME ECONOMICS**
20.0101 Comprehensive consumer and homemaking home economics
20.0102 Child development, care, and guidance
20.0103 Clothing and textiles
20.0104 Consumer education
20.0105 Exploratory homemaking
20.0106 Family/individual health
20.0107 Family living and parenthood
20.0108 Food and nutrition
20.0109 Home management
20.0110 Housing, home furnishing, and equipment
20.0199 Consumer and homemaking home economics, other
20.0201 Child care and guidance management and services, general
20.0202 Child care aide/assisting
20.0203 Child care management
20.0204 Foster care/family care
20.0205 Teacher aide
20.0299 Child care and guidance management and services, other
20.0301 Clothing, apparel, textiles management, production, and services, general
20.0302 Clothing maintenance aide
20.0303 Commercial garment and apparel construction
20.0304 Custom apparel/garment seamstress
20.0305 Custom tailoring and alteration
20.0306 Fashion/fabric coordination
20.0307 Textiles testing
20.0308 Wedding/specialty consulting
20.0399 Clothing, apparel, and textiles management, production, and services, othe
20.0401 Food production, management and services, general
20.0402 Baking
20.0403 Chef/cook
20.0404 Dietetic aide/assisting
20.0405 Food catering
20.0406 Food service
20.0407 Food testing
20.0408 School food service
20.0499 Food production, management, and services, other
20.0501 Home furnishing and equipment management, production, and services, general
20.0502 Custom drapery and window treatment design/making
20.0503 Custom slipcovering and upholstering
20.0504 Floral design
20.0505 Home decorating
20.0506 Home furnishings aide
20.0507 Home-service assisting
20.0599 Home furnishings and equipment management, production, and services, other
20.0601 Institutional, home management, and supporting programs, general
20.0602 Companion to the aged
20.0603 Consumer aide/assisting
20.0604 Custodial services
20.0605 Executive housekeeping
20.0606 Homemaker's aide
20.0607 Therapeutic recreation aide
20.0699 Institutional, home management, and supporting services, other
20.9999 Vocational home economics, other

21.0000 **INDUSTRIAL ARTS**
21.0101 Industrial arts, general
21.0102 Construction
21.0103 Drafting and design
21.0104 Electricity/electronics
21.0105 Energy, power, and transportation
21.0106 Graphic arts
21.0107 Manufacturing/materials processing
21.0199 Industrial arts, other

22.0000 **LAW**
22.0101 Law
22.0102 Pre-law
22.0103 Legal assisting
22.0199 Law, other

23.0000 **LETTERS**
23.0101 English, general
23.0201 Classics
23.0301 Comparative literature
23.0401 Composition
23.0501 Creative writing
23.0601 Linguistics (includes phonetics, semantics, and philology)
23.0701 Literature, American
23.0801 Literature, English
23.0901 Rhetoric
23.1001 Speech, debate and forensics
23.1101 Technical and business writing
23.9999 Letters, other

24.0101 **LIBERAL/GENERAL STUDIES**
24.0199 Liberal/general studies, other

25.0000 **LIBRARY AND ARCHIVAL SCIENCES**
25.0101 Library and archival sciences, general
25.0201 Archival science
25.0301 Library assisting
25.0401 Library science
25.0501 Museology
25.9999 Library and archival sciences, other

26.0000	**LIFE SCIENCES**
26.0101	Biology, general
26.0201	Biochemistry and biophysics
26.0301	Botany, general
26.0302	Bacteriology
26.0303	Mycology
26.0304	Plant genetics
26.0305	Plant pathology
26.0306	Plant pharmacology
26.0307	Plant physiology
26.0399	Botany, other
26.0401	Cell biology
26.0402	Molecular biology
26.0499	Cell and molecular biology, other
26.0501	Microbiology
26.0601	Anatomy
26.0602	Biometrics and biostatistics
26.0603	Ecology
26.0604	Embryology
26.0605	Endocrinology
26.0606	Histology
26.0607	Marine biology
26.0608	Neurosciences
26.0609	Nutritional sciences
26.0610	Parasitology
26.0611	Radiobiology
26.0612	Toxicology
26.0699	Miscellaneous specialized areas, life sciences, other
26.0701	Zoology, general
26.0702	Entomology
26.0703	Genetics, human and animal
26.0704	Pathology, human and animal
26.0705	Pharmacology, human and animal
26.0706	Physiology, human and animal
26.0799	Zoology, other
26.9999	Life sciences, other
27.0000	**MATHEMATICS**
27.0101	Mathematics, general
27.0201	Actuarial sciences
27.0301	Applied mathematics
27.0401	Pure mathematics
27.0501	Statistics
27.9999	Mathematics, other
28.0000	**MILITARY SCIENCES**
28.0101	Aerospace science (Air Force)
28.0201	Coast Guard science
28.0301	Military science (Army)
28.0401	Naval science (Navy, Marines)
28.9999	Military sciences, other
29.0101	**MILITARY TECHNOLOGIES**
29.0199	Military technologies, other
30.0000	**MULTI/INTERDISCIPLINARY STUDIES**
30.0101	Biological and physical sciences
30.0201	Clinical pastoral care
30.0301	Engineering and other disciplines
30.0401	Humanities and social sciences
30.0501	Peace studies
30.0601	Systems science
30.0701	Women's studies
30.9999	Multi/interdisciplinary studies, other
31.0000	**PARKS AND RECREATION**
31.0101	Parks and recreation, general
31.0201	Outdoor recreation
31.0301	Parks and recreation management
31.0401	Water resources
31.9999	Parks and recreation, other
32.0000	**BASIC SKILLS**
32.0101	Basic skills, general
32.0102	Academic and intellectual skills
32.0103	Communication skills
32.0104	Computational skills
32.0105	Job-seeking/changing skills
32.0106	Motor skills
32.0199	Basic skills, other
33.0000	**CITIZENSHIP/CIVIC ACTIVITIES**
33.0101	Citizenship/civic activities, general
33.0102	American citizenship
33.0103	Civic appreciation
33.0104	Civic participation
34.0000	**HEALTH-RELATED ACTIVITIES**
34.0101	Health-related activities, general
34.0102	Birth-related health practices
34.0103	Health enhancement practices
34.0104	Health treatment/prevention practices
34.0199	Health-related activities, other
35.0000	**INTERPERSONAL SKILLS**
35.0101	Interpersonal skills, general
35.0102	Building human relationships
35.0103	Perception of others
35.0104	Special role engineering
35.0199	Interpersonal skills, other
36.0000	**LEISURE AND RECREATIONAL ACTIVITIES**
36.0101	Leisure and recreational activities, general
36.0102	Crafts (leisure and recreational)
36.0103	Games
36.0104	Hobbies
36.0105	Housing/home maintenance
36.0106	Nature appreciation
36.0107	Pet care
36.0108	Sports/physical education
36.0109	Travel
36.0199	Leisure and recreational activities, other
37.0000	**PERSONAL AWARENESS**
37.0101	Personal awareness, general
37.0102	Coping skills
37.0103	Personal decision making
37.0104	Self-perception
37.0105	Values, attitudes, and beliefs
37.0199	Personal awareness, other
38.0000	**PHILOSOPHY AND RELIGION**
38.0101	Philosophy
38.0201	Religion
38.9999	Philosophy and religion, other
39.0000	**THEOLOGY**
39.0101	Biblical languages
39.0201	Bible studies
39.0301	Missionary studies
39.0401	Religious education
30.0501	Religious music
39.0601	Theological studies
39.9999	Theology, other
40.0000	**PHYSICAL SCIENCES**
40.0101	Physical sciences, general
40.0201	Astronomy
40.0301	Astrophysics
40.0401	Atmospheric sciences and meterology
40.0501	Chemistry, general
40.0502	Analytical chemistry
40.0503	Inorganic chemistry
40.0504	Organic chemistry
40.0505	Pharmaceutical chemistry
40.0506	Physical chemistry
40.0599	Chemistry, other
40.0601	Geology
40.0602	Geochemistry
40.0603	Geophysics and seismology
40.0604	Paleontology
40.0699	Geological sciences, other
40.0701	Metallurgy
40.0702	Oceanography
40.0703	Earth science
40.0799	Miscellaneous physical sciences, other
40.0801	Physics, general
40.0802	Atomic/molecular physics
40.0803	Electron physics
40.0804	Elementary particle physics
40.0805	Fluids and plasmas
40.0806	Nuclear physics
40.0807	Optics
40.0808	Solid state physics
40.0899	Physics, other
40.0901	Planetary science
40.0999	Physical sciences, other
41.0000	**SCIENCE TECHNOLOGIES**
41.0101	Biological laboratory technology
41.0102	Oceanographic (biological) technology
41.0199	Biological technologies, other
41.0201	Nuclear materials handling technology

41.0202 Nuclear power plant operation technology
41.0203 Nuclear power plant radiation control technology
41.0204 Radiologic (physical) technology
41.0299 Nuclear technologies, other
41.0301 Chemical technology
41.0302 Geological technology
41.0303 Metallurgical technology
41.0304 Meteorological technology
41.0305 Oceanographic (physical) technology
41.0399 Physical science technologies, other
41.9999 Science technologies, other

42.0000 PSYCHOLOGY
42.0101 Psychology, general
42.0201 Clinical psychology
42.0301 Cognitive psychology
42.0401 Community psychology
42.0501 Comparative psychology
42.0601 Counseling psychology
42.0701 Developmental psychology
42.0801 Experimental psychology
42.0901 Industrial and organizational psychology
42.1001 Personality psychology
42.1101 Physiological psychology
42.1201 Psycholinguistics
42.1301 Psychometrics
42.1401 Psychopharmacology
42.1501 Quantitative psychology
42.1601 Social psychology
42.9999 Psychology, other

43.0000 PROTECTIVE SERVICES
43.0101 Correctional administration
43.0102 Corrections
43.0103 Criminal justice administration
43.0104 Criminal justice studies
43.0105 Criminal justice technology
43.0106 Forensic studies
43.0107 Law enforcement
43.0108 Law enforcement administration
43.0109 Security services
43.0199 Criminal justice, other
43.0201 Fire control and safety technology
43.0202 Fire protection administration
43.0203 Firefighting
43.0299 Fire protection, other
43.9999 Protective services, other

44.0000 PUBLIC AFFAIRS
44.0101 Public affairs, general
44.0201 Community services
44.0301 International public service
44.0401 Public administration
44.0501 Public policy studies
44.0601 Public sanitation
44.0602 Public transportation
44.0603 Public utilities
44.0699 Public works, other
44.0701 Social work, general
44.0702 Medical social work
44.0799 Social work, other
44.9999 Public affairs, other

45.0000 SOCIAL SCIENCES
45.0101 Social sciences, general
45.0201 Anthropology
45.0301 Archeology
45.0401 Criminology
45.0501 Demography
45.0601 Economics
45.0701 Geography
45.0801 History
45.0901 International relations
45.1001 Political science and government
45.1101 Sociology
45.1201 Urban studies
45.9999 Social sciences, other

46.0000 CONSTRUCTION TRADES
46.0101 Brickmasonry, stonemasonry, and tile setting, general
46.0102 Brick, block, and stonemasonry
46.0103 Tile setting
46.0199 Brickmasonry, stonemasonry, and tile setting, other
46.0201 Carpentry
46.0301 Electrical and power transmission installation, general
46.0302 Electrician
46.0303 Lineworker
46.0399 Electrical and power transmission installation, other
46.0401 Building maintenance
46.0402 Concrete placing and finishing
46.0403 Construction inspection
46.0404 Drywall installation
46.0405 Floor covering installation
46.0406 Glazing
46.0407 Insulation installation
46.0408 Painting and decorating
46.0409 Plastering
46.0410 Roofing
46.0411 Terrazzo installation
46.0499 Miscellaneous construction trades, other
46.0501 Plumbing, pipefitting, and steamfitting, general
46.0502 Pipefitting and steamfitting
46.0503 Plumbing
46.0599 Plumbing, pipefitting, and steamfitting, other
46.9999 Construction trades, other

47.0000 MECHANICS AND REPAIRS
47.0101 Electrical and electronics equipment repair, general
47.0102 Business machine repair
47.0103 Communication electronics
47.0104 Computer electronics
47.0105 Industrial electronics
47.0106 Major appliance repair
47.0107 Motor repair
47.0108 Small appliance repair
47.0109 Vending and recreational machine repair
47.0199 Electrical and electronics equipment repair, other
47.0201 Heating, air conditioning, and refrigeration mechanics, general
47.0202 Cooling and refrigeration
47.0203 Heating and airconditioning
47.0299 Heating, air conditioning, and refrigeration mechanics, other
47.0301 Industrial equipment maintenance and repair, general
47.0302 Heavy equipment maintenance and repair
47.0303 Industrial machinery maintenance and repair
47.0304 Mine equipment maintenance and repair
47.0305 Oil and gas drilling equipment operation and maintenance
47.0399 Industrial equipment maintenance and repair, other
47.0401 Electromechanical, hydraulic, and pneumatic instrument repair
47.0402 Gunsmithing
47.0403 Locksmithing and safe repair
47.0404 Musical instrument repair
47.0405 Operation, maintenance, and repair of audio-visual equipment
47.0406 Shoe and boot repair
47.0407 Sporting goods equipment repair
47.0408 Watch repair
47.0499 Miscellaneous mechanics and repairers, other
47.0501 Stationary energy sources, general
47.0502 Conventional electric power generation
47.0503 Industrial nuclear energy
47.0504 Pumping plants
47.0599 Stationary energy sources, other
47.0601 Vehicle and mobile equipment mechanics and repairers, general
47.0602 Aircraft mechanics
47.0603 Automotive body repairs
47.0604 Automotive mechanics
47.0605 Diesel engine mechanics
46.0606 Small engine repair
47.0699 Vehicle and mobile equipment mechanics and repairers, other
47.9999 Mechanics and repairers, other

48.0000 PRECISION PRODUCTION
48.0101 Drafting, general
48.0102 Architectural drafting
48.0103 Civil/structural drafting
48.0104 Electrical/electronics drafting
48.0105 Mechanical drafting
48.0199 Drafting, other
48.0201 Graphic and printing communications, general
48.0202 Bookbinding
48.0203 Commercial art
48.0204 Commercial photography
48.0205 Composition, make-up, and typesetting
48.0206 Lithography, photography, and platemaking
48.0207 Photographic laboratory and darkroom
48.0208 Printing press operations
48.0209 Silk screen making and printing
48.0299 Graphic and printing communications, other
48.0301 Leathermaking and upholstering, general
48.0302 Saddlemaking and repair
48.0303 Upholstering
48.0399 Leatherworking and upholstering, other
48.0401 Precision food production, general

48.0402 Meatcutting
48.0403 Slaughtering and butchering
48.0499 Precision food production, other
48.0501 Precision metal work, general
48.0502 Foundary work
48.0503 Machine tool operation/machine shop
48.0504 Metal fabrication
48.0505 Metal patternmaking
48.0506 Sheet metal
48.0507 Tool and die making
48.0508 Welding, brazing, and soldering
48.0599 Precision metal work, other
48.0601 Industrial ceramics manufacturing
48.0602 Jewelry design, fabrication, and repair
48.0603 Optical goods work
48.0604 Plastics
48.0699 Precision work, assorted materials, other
48.0701 Woodworking, general
48.0702 Furnniture making
48.0703 Millwork and cabinet making
48.0799 Woodworking, other
48.9999 Precision products, other

49.0000 TRANSPORTATION AND MATERIAL MOVING
49.0101 Air transportation, general
49.0102 Airplane piloting and navigation
49.0103 Aviation computer technology
49.0104 Aviation management
49.0105 Air traffic control
49.0106 Flight attendants
49.0199 Air transportation, other
49.0201 Vehicle and equipment operation, general
49.0202 Construction equipment operation
49.0203 Material handling
49.0204 Mining equipment operation
49.0205 Truck and bus driving
49.0299 Vehicle and equipment operation, other
49.0301 Water transportation, general
49.0302 Barge and boat operation
49.0303 Commercial fishing operation
49.0304 Deep water diving and life support systems
49.0305 Marina operations
49.0306 Marine maintenance
49.0307 Merchant Marine officers
49.0308 Sailors and deckhands
49.0399 Water transportation, other
49.9999 Transportation and material moving, other

50.0000 VISUAL AND PERFORMING ARTS
50.0101 Visual and performing arts, general
50.0201 Crafts, general
50.0202 Ceramics
50.0203 Enameling
50.0204 Fiber/textiles/weaving
50.0205 Glass
50.0206 Metal/jewelry
50.0299 Crafts, other
50.0301 Dance
50.0401 Design, general
50.0402 Graphic design
50.0403 Illustration design
50.0404 Industrial design
50.0405 Theater design
50.0499 Design, other
50.0501 Dramatic arts
50.0601 Film arts, general
50.0602 Cinematography/film
50.0603 Film animation
50.0604 Holography
50.0605 Photography
50.0606 Video
50.0699 Film arts, other
50.0701 Fine arts, general
50.0702 Art conservation
50.0703 Art history and appreciation
50.0704 Arts management
50.0705 Drawing
50.0706 Intermedia
50.0707 Kinetics
50.0708 Painting
50.0709 Sculpture
50.0799 Fine arts, other
50.0801 Graphic arts technology
50.0901 Music, general
50.0902 Music history and appreciation
50.0903 Music performance
50.0904 Music theory and composition
50.0999 Music, other
50.9999 Visual and performing arts, other

60.0101 INTENSIVE ENGLISH LANGUAGE

90.0101 UNDECLARED

A4. COUNTRIES BY WORLD REGION AND SUBREGION

1000 AFRICA

1100 Eastern Africa
1115 Burundi
1120 Comoros
1105 Djibouti
1125 Ethiopia
1130 Kenya
1135 Madagascar
1140 Malawi
1145 Mauritius
1150 Mozambique
1155 Réunion
1165 Rwanda
1170 Seychelles
1175 Somalia
1180 Tanzania
1185 Uganda
1190 Zambia
1160 Zimbabwe

1200 Central Africa
1210 Angola
1220 Cameroon
1230 Central African Republic
1240 Chad
1250 Congo
1260 Equatorial Guinea
1270 Gabon
1280 Sao Tomé & Principe
1290 Zaire

1300 North Africa
1310 Algeria
1320 Canary Islands
1330 Egypt
1340 Libya
1350 Morocco
1370 Sudan
1380 Tunisia
1360 Western Sahara

1400 Southern Africa
1410 Botswana
1420 Lesotho
1430 Namibia
1440 South Africa
1450 Swaziland

1500 West Africa
1510 Benin
1585 Burkina Faso
1505 Cape Verde
1515 Gambia
1520 Ghana
1525 Guinea
1530 Guinea-Bissau
1535 Ivory Coast
1540 Liberia
1545 Mali
1550 Mauritania
1555 Niger
1560 Nigeria
1565 St. Helena
1570 Senegal
1575 Sierra Leone
1580 Togo

3000 EUROPE

3100 Eastern Europe
3110 Albania
3120 Bulgaria
3130 Czechoslovakia
3140 German Democratic Republic
3150 Hungary
3160 Poland
3170 Romania
3180 U.S.S.R.
3190 Yugoslavia

3200 Western Europe
3203 Andorra
3206 Austria
3210 Belgium
3213 Denmark
3220 Finland
3223 France
3226 Germany, Federal Republic of
3233 Gibraltar
3236 Greece
3243 Iceland
3246 Ireland
3250 Italy
3253 Liechtenstein
3256 Luxembourg
3260 Malta
3263 Monaco
3266 Netherlands
3270 Norway
3273 Portugal
3276 San Marino
3280 Spain
3283 Sweden
3286 Switzerland
3290 United Kingdom
3240 Vatican City

4000 LATIN AMERICA

4100 Caribbean
4105 Bahamas
4110 Barbados
4115 Cayman Islands
4120 Cuba
4125 Dominican Republic
4130 Guadeloupe
4135 Haiti
4140 Jamaica
4150 Leeward Islands
4155 Anguilla
4151 Antigua
4152 British Virgin Islands
4153 Montserrat
4154 St. Kitts-Nevis
4160 Martinique
4170 Netherlands Antilles
4180 Trinidad & Tobago
4185 Turks & Caicos Islands
4190 Windward Islands
4191 Dominica
4192 Grenada
4193 St. Lucia
4194 St. Vincent

4200 Central America
4210 Belize
4230 Costa Rica
4240 El Salvador
4250 Guatemala
4260 Honduras
4270 Mexico
4280 Nicaragua
4290 Panama

4300 South America
4305 Argentina
4310 Bolivia
4315 Brazil
4320 Chile
4325 Colombia
4330 Ecuador
4335 Falkland Islands
4340 French Guiana
4345 Guyana
4350 Paraguay
4355 Peru
4360 Suriname
4365 Uruguay
4370 Venezuela

2400 MIDDLE EAST

2405 Bahrain
2410 Cyprus
2415 Iran
2420 Iraq
2425 Israel
2430 Jordan
2435 Kuwait
2440 Lebanon
2445 Oman
2450 Qatar
2455 Saudi Arabia
2460 Syria
2465 Turkey
2470 United Arab Emirates
2485 Yemen Arab Republic
2490 Yemen, People's Democratic Republic of

5000 NORTH AMERICA

5110 Bermuda
5120 Canada

6000 OCEANIA

6100 Australia & New Zealand
6110 Australia
6120 New Zealand

6200 Pacific Ocean Island Areas
6210 Cook Islands
6215 Fiji
6220 French Polynesia
6225 Kiribati
6230 Nauru
6235 New Caledonia
6250 Niue
6255 Norfolk Island
6260 Pacific Islands, Trust Territory of the
6240 Papua New Guinea
6205 Solomon Islands
6270 Tonga
6271 Tuvalu
6245 Vanuatu
6275 Wallis & Futuna Islands
6280 Western Samoa

2000 SOUTH AND EAST ASIA

2100 East Asia
2110 People's Republic of China
2120 Taiwan
2130 Hong Kong
2140 Japan
2150 Korea, Democratic People's Republic of
2160 Korea, Republic of
2170 Macao
2180 Mongolia

2200 South and Central Asia
2205 Afghanistan
2210 Bangladesh
2215 Bhutan
2220 India
2225 Maldives, Republic of
2230 Nepal
2235 Pakistan
2245 Sri Lanka

2300 Southeast Asia
2305 Brunei
2320 Cambodia
2315 Indonesia
2325 Laos
2330 Malaysia
2310 Myanmar, Union of
2335 Phillipines
2345 Singapore
2350 Thailand
2360 Vietnam

A5. STATES WITHIN U.S. REGIONS

NORTHEAST
Connecticut
Maine
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont

SOUTH
Alabama
Arkansas
Delaware
District of Columbia
Florida
Georgia
Kentucky
Louisiana
Maryland
Mississippi
North Carolina
South Carolina
Tennessee
Virginia
West Virginia

SOUTHWEST
Arizona
New Mexico
Oklahoma
Texas

MIDWEST
Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
South Dakota
Wisconsin

MOUNTAIN
Colorado
Idaho
Montana
Nevada
Utah
Wyoming

PACIFIC
Alaska
California
Hawaii
Oregon
Washington

OTHER
Guam
Puerto Rico
Virgin Islands

A6. RESPONSE RATE

In collaboration with the International Education Data Collection Committee, IIE's research division surveyed all two- and four-year institutions with regional accreditation listed in the *HEP 1988 Higher Education Directory* to obtain data on the foreign student population in the United States.

The survey, known as the Annual Census of Foreign Students, consists of two steps. In Step 1, IIE staff ask that campus officials complete a postcard requesting the total number of foreign students enrolled at their institution. Step 2 is a form requesting aggregate institutional data on eight characteristics of foreign students. (See **Appendix A7** for these survey materials.)

Table A6.0 shows the response rate of institutions surveyed for the 1988/89 academic year; **Table A6.1** indicates the types of responses received from 1984/85 to 1988/89. **Table A6.2** presents the response rate to each of the foreign student characteristics examined.

TABLE A6.0

Institutions Surveyed and Type of Response, Selected Years, 1954/55-1988/89

Year	Institutions Surveyed	Institutions With Foreign Students	Institutions with No Foreign Students	Total Responding Institutions	% Response
1954/55	2,855	1,629	1,013	2,642	92.5
1959/60	3,008	1,712	808	2,520	83.8
1964/65	2,556	1,859	434	2,293	89.7
1969/70	2,859	1,734	265	1,999	69.9
1974/75	3,085	1,760	148	1,908	61.8
1975/76	3,065	2,093	168	2,261	73.8
1976/77	3,016	2,294	230	2,524	83.7
1977/78	3,053	2,475	263	2,738	89.7
1978/79	3,127	2,504	248	2,752	88.0
1979/80	3,186	2,651	299	2,950	92.6
1980/81	3,205	2,734	296	3,030	94.5
1981/82	2,862	2,454	239	2,693	94.1
1982/83	2,849	2,529	266	2,795	98.1
1983/84	2,844	2,498	268	2,766	97.3
1984/85	2,833	2,492	274	2,766	97.6
1985/86	2,902	2,507	296	2,803	96.6
1986/87	2,896	2,518	331	2,849	98.4
1987/88	2,893	2,552	326	2,878	99.5
1988/89	2,904	2,521	298	2,819	97.1

TABLE A6.1

Institutions Reporting Foreign Students and Type of Response, 1984/85-1988/89										
Type of Response	1984/85		1985/86		1986/87		1987/88		1988/89	
	Number	%	Number	%	Number	%	Number	%	Number	%
Total Only- STEP1	218	8.7	219	8.7	322	12.8	342	13.4	282	11.2
Institutional Data-STEP 2	2,274	91.3	2,288	91.3	2,196	87.2	2,210	86.6	2,239	88.8
Individual Data- STEP 3	—	—	2,116	84.4	—	—	1,925	75.4	—	—
TOTAL	2,498	100.0	2,492	100.0	2,507	100.0	2,518	100.0	2,521	100.0

TABLE A6.2

Summary of Step 2 Survey Responses, 1988/89			
Category	Number of Responses	% of 330,357 Step 2 responses	% of 366,354 Foreign Students Reported
Academic Level	327,030	99.0	89.3
Country of Origin	317,724	96.2	86.7
Gender	309,900	93.8	84.6
Field of Study	304,750	92.2	83.2
Enrollment Status	302,296	91.5	82.5
Visa Type	295,592	89.5	80.7
Marital Status	204,770	62.0	55.9
Primary Source of Funds	200,275	60.6	54.7
TOTAL	330,357		90.2

A7. SURVEY MATERIALS

ICDC
Interassociational Committee on Data Collection

AACRAO • IIE • NAFSA

October 3, 1988

Dear Colleague:

The Interassociational Committee on Data Collection and the Institute of International Education would like to thank you for your response to last year's Census of Foreign Students in the United States. A record 2,552 institutions participated in the census last year, with 99.5% of those who received the survey responding. The results of the 87/88 census will appear in IIE's publication *Open Doors 1987/88*, due out in early November of this year.

While the final work is being done on the 1987/88 edition of *Open Doors*, we must begin the tally for the 1988/89 period. Thus, IIE, on behalf of ICDC, asks your assistance in providing information on foreign student enrollments at your institution for the fall of 1988.

Since its inception in 1954, *Open Doors* has contained the most accurate and comprehensive information on foreign study in the United States. It is relied upon by government agencies, national organizations and campus officials in formulating policy and setting up service programs for foreign students. In order for *Open Doors* to continue to accurately reflect foreign study in the U.S., it is important that every school reply to the survey. Your participation is essential to the completeness and maximal usefulness of this publication. Would you, therefore, please provide the requested data as soon as possible?

We are enclosing two forms this year (a third, the Study Abroad Survey, will be sent under separate cover):

(1) STEP 1: PRELIMINARY REPLY CARD: This allows us to estimate as accurately as possible the total number of foreign students in this country. Please complete and return it **immediately**.

(2) STEP 2: INSTITUTIONAL DATA REPLY FORM: This contains most of the data published in *Open Doors*. Please return this form by **October 28, 1988,** or as soon thereafter as possible. (If you are able to submit the data in electronic form, please so indicate on the Preliminary Reply card and we will send you special instructions on what format is necessary).

Once again, the deadline for returning the STEP 2 FORM is **October 28, 1988** this year. Please respond as quickly as possible. Your early response will help us get *Open Doors* to you sooner.

Research Division
Institute of International Education
809 United Nations Plaza
New York, New York 10017

Telephone: (212) 984-5349

Thank you very much for your assistance.

Sincerely,

Robert E. Cyphers
President
American Association
of Collegiate Registrars and
Admissions Officers

Richard M. Krasno
President
Institute of International
Education

Valerie Woolston
President
National Association for
Foreign Student Affairs

STEP 1

Preliminary Reply Card

AACRAO • IIE • NAFSA Intersocietational Committee on Data Collection

ICDC

ANNUAL CENSUS OF FOREIGN STUDENTS 1988/89

Please complete and return this card immediately, **even if you have no foreign non-immigrant students.**

Title/Office

Reporting Official

Institution

City State Zip

Telephone

For future use, the above label should include the Title/Office, Reporting Official, the institution's name and address, and the reporting official's telephone number. Please make any necessary changes.

1. Are there any foreign students **(non-immigrants)** enrolled at your institution for the 1988/89 fall term?

☐ Yes ☐ No

2. If "YES," fill in total number:

3. This number is:

☐ Actual
☐ Estimated

ICDC AACRAO • IIE • NAFSA International Committee on Data Collection

ANNUAL CENSUS OF FOREIGN STUDENTS 1988/89

DEFINITIONS

A. TOTAL FOREIGN STUDENTS — a foreign student is anyone enrolled for courses in the United States who is **not** an immigrant (permanent resident) or a citizen. Refugees **are** included. **DO NOT INCLUDE RESIDENT ALIENS (HOLDING "GREEN CARDS" — I-151).**

B. GENDER — the numbers of male and female foreign students enrolled at your institution.

C. MARITAL STATUS — the numbers of single and married foreign students at your institution.

D. VISA TYPE/REFUGEE — the number of foreign students with **temporary visas** enrolled at your institution by the type of visa they hold, and the number of **refugees** enrolled at your institution.

E. PRIMARY SOURCE OF FUNDS — the single **greatest source** of funds for all educational expenses including associated living expenses of a foreign student enrolled in an educational institution within the United States. If a person had more than one source of funds then **use the source** which represents the **largest percentage** of all income.

(1) Personal and Family — income derived from personal or private sources, other than current employment.
(2) U.S. College/University — funds obtained from a U.S. college or university (grants, scholarships, waivers, research and teaching assistantships, etc.).
(3) Home Government/University — funds obtained from the government of the student's home country or from a university in home country.
(4) U.S. Government — funds obtained from the United States government.
(5) Private (U.S.) Sponsorship — self-explanatory.
(6) Private (Foreign) Sponsorship — self-explanatory.
(7) International Organization — Examples: U.N., World Bank, etc.
(8) Current Employment — includes only off-campus employment.
(9) Other — primary source not among those listed. Please specify sources on page 4. Examples would be 50/50 splits, etc.

F. ENROLLMENT STATUS — the total numbers of foreign students who are attending classes **full time** and **part time**. Use your institution's definition of full time.

G. ACADEMIC LEVEL — the number of the foreign students who are currently enrolled this **fall** term by degree level or type of program. Under Intensive English Language include **ONLY** students with **15** or more contact hours per week.

H. FIELD OF STUDY — please use categories in Section H of this form, which are derived from the NCES (National Center for Education Statistics) **Classification of Instructional Programs**. This classification system has been developed for institutional reports for federal agencies and is being implemented in federal surveys. If you are unsure of a category, use the space provided on page 4 for additional fields. A detailed listing of this classification system appears in **Open Doors 1985/86**.

I. COUNTRY OR OTHER PLACE OF CITIZENSHIP — if you have students from countries not included on this form, please use the space provided on page 4.

GUIDELINES FOR THE RELEASE OF CENSUS DATA

Reports based on census data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated that the openings are for employment in the students' home countries or, in some instances, home regions, students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected, the corporation or agency does not engage in discriminatory practices.

The Institute of International Education reserves the right to request that the proposed use of the data can be documented and to withhold Census data when the request is not deemed to be for appropriate scholarly research, public information or recruitment purposes.

1988/89 DATA COLLECTION STEP 2 INSTRUCTIONS

- INCLUDE **ONLY NON-IMMIGRANT FOREIGN STUDENTS** AT THE POSTSECONDARY LEVEL
- ALL INFORMATION SHOULD BE BASED ON THE **FALL TERM, 1987**
- DEADLINE FOR THE RETURN OF THIS FORM **OCTOBER 30, 1987**

STEP 2 asks institutions to provide aggregate data describing the characteristics of their foreign student population for the fall term, 1988. This information is used to develop the statistics used in **Open Doors**, a complimentary copy of which is sent to the census contact at each participating institution.

The validity of the data in **Open Doors** depends on the amount of detailed data which you provide on this form to supplement the total foreign student count you provide on the STEP 1 postcard. We encourage you to provide detail on **all** characteristics. However, if you cannot do so, any data, e.g. country of citizenship, field of study, academic level, etc., will be accepted.

Printed in this year's STEP 2 form you will find information about your institution and about foreign students for the year 1987/88. The **Basic Institutional Data** (1) should be carefully reviewed and any corrections should be made on the form. Please write your telephone number in the space provided. **1987/88 Census data** (2) are included **for your reference only. DO NOT ADD OR CORRECT 1987/88 DATA.** Any major differences between the two census years should, of course, be a warning that the 1988/89 figures be verified (or that the 1987/88 figures may not be correct). In cases where the data appear to have changed significantly between census years, please make sure that the definitions you are using match the definitions on this page.

Page 2 of this form is for reporting **Basic Institutional Data and the Personal and Academic Characteristics** of foreign students. Page 3 is for reporting foreign students' countries of citizenship. Page 4 provides space for the inclusion of fields of study and countries of citizenship which are not among those on pages 2 & 3.

If the data requested will be available only after the deadline date of October 28, 1988, contact IIE so that special arrangements can be made to include it in the census. Any questions should be directed to:

RESEARCH DIVISION IIE, (212) 984-5340

THIS FORM SHOULD BE RETURNED BY OCTOBER 28, 1988 TO:

RESEARCH DIVISION
INSTITUTE OF INTERNATIONAL EDUCATION
809 United Nations Plaza
New York, N.Y. 10017

PLEASE CHECK ONE OF THE FOLLOWING:

☐ I would like to continue receiving **Open Doors**

☐ I would like **Open Doors** to be sent to another official in my institution (give name, title and address of official)

_____

_____

_____

_____

☐ I prefer not to receive **Open Doors**

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ANNUAL CENSUS OF FOREIGN STUDENTS 1988/89

CENSUS CONTACT (Please make all necessary changes.)

University:
Contact Name:
Title:
Address:
City: State
Zip:
Telephone: ( )

BASIC INSTITUTIONAL DATA (Please make all necessary changes.)

Total School Enrollment:
Student Body
Calendar
Highest Offering:

A. TOTAL FOREIGN STUDENTS (Do not change any 1987/88 data.)

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
Non-Immigrants Only					

88/89 total is Actual ☐ Estimated ☐

B. GENDER

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
Male					
Female					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

C. MARITAL STATUS

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
Single					
Married					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

D. VISA TYPE/REFUGEE (Note: Non-Immigrant Only)

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
F VISA					
J VISA					
M VISA					
OTHER VISA					
REFUGEE					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

E. PRIMARY SOURCE OF FUNDS

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
PERSONAL AND FAMILY					
U.S. COLLEGE/UNIVERSITY					
HOME GOVERNMENT/UNIVERSITY					
U.S. GOVERNMENT					
PRIVATE (U.S.) SPONSOR					
PRIVATE (FOREIGN) SPONSOR					
INTERNATIONAL ORGANIZATION					
CURRENT EMPLOYMENT					
OTHER (Please identify on Page 4)					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

F. ENROLLMENT STATUS

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
FULL TIME STUDENTS					
PART TIME STUDENTS					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

G. ACADEMIC LEVEL

ASSOCIATE (Both 1st & 2nd Year)

1987/88	1988/89

BACHELORS

	1987/88	1988/89
FRESHMAN		
SOPHOMORE		
JUNIOR		
SENIOR		
UNSPECIFIED		

GRADUATE

	1987/88	1988/89
MASTER'S		
DOCTORATE		
PROFESSIONAL		
UNSPECIFIED		

OTHER

	1987/88	1988/89

TOTAL CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

H. FIELD OF STUDY

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
01 Agribusiness and Agriculture Production					
02 Agriculture Sciences					
03 Renewable Natural Resources					
04 Architecture and Environmental Design					
05 Area and Ethnic Studies					
06 Business and Management					
07 Business and Office					
08 Marketing and Distribution					
09 Communications					
10 Communications Technologies					
11 Computer and Information Sciences					
12 Consumer, Personal and Misc. Services					
13 Education					
14 Engineering					
15 Engineering and Related Technologies					
16 Foreign Languages					
17 Allied Health					
18 Health Sciences					
19 Home Economics					
20 Vocational Home Economics					
21 Industrial Arts					
22 Law					
23 Letters					
24 Liberal/General Studies					
25 Library and Archival Sciences					
26 Life Sciences					

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
27 Mathematics					
28 Military Sciences					
29 Military Technologies					
30 Multi/Interdisciplinary Studies					
31 Parks and Recreation					
32 Basic Skills					
33 Citizenship/Civic Activities					
34 Health-Related Activities					
35 Interpersonal Skills					
36 Leisure and Recreational Activities					
37 Personal Awareness					
38 Philosophy and Religion					
39 Theology					
40 Physical Sciences					
41 Science Technologies					
42 Psychology					
43 Protective Services					
44 Public Affairs					
45 Social Sciences					
46 Construction Trades					
47 Mechanics and Repairs					
48 Precision Production					
49 Transportation and Material Moving					
50 Visual and Performing Arts					
99 Intensive English Language					
00 Undeclared					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS. PLEASE LIST ADDITIONAL FIELDS ON PAGE 4.

SECTION 2 INSTITUTIONAL DATA

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ANNUAL CENSUS OF FOREIGN STUDENTS 1988/89

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
3360 Afghanistan					
1310 Algeria					
1210 Angola					
4181 Antigua					
4350 Argentina					
5110 Australia					
3500 Austria					
4160 Bahamas					
3490 Bahrain					
5310 Bangladesh					
4110 Barbados					
3210 Belgium					
4210 Belize					
5110 Bermuda					
4310 Bolivia					
1410 Botswana					
4315 Brazil					
2310 Burma					
2360 Cambodia					
1230 Cameroon					
5150 Canada					
1060 Cape Verde					
1240 Chad					
4320 Chile					
2119 China, People's Republic of					
4350 Colombia					
4230 Costa Rica					
4125 Cuba					
3010 Cyprus					
3130 Czechoslovakia					
3213 Denmark					
4135 Dominican Republic					
4330 Ecuador					
1330 Egypt					
4040 El Salvador					
1123 Ethiopia					
6210 Fiji					
3350 Finland					
3053 France					
6260 French Polynesia					
1015 Gambia					
3039 Germany, Fed. Rep. of					
1030 Ghana					
3005 Greece					

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
4153 Grenada					
4750 Guatemala					
4345 Guyana					
4135 Haiti					
4080 Honduras					
2139 Hong Kong					
3150 Hungary					
3043 Iceland					
2379 India					
2310 Indonesia					
2015 Iran					
2029 Iraq					
3249 Ireland					
3439 Israel					
3380 Italy					
1555 Ivory Coast					
4140 Jamaica					
2140 Japan					
2405 Jordan					
1130 Kenya					
2185 Korea, Rep. of					
2405 Kuwait					
2375 Laos					
3440 Lebanon					
1420 Lesotho					
1540 Liberia					
1365 Libya					
3250 Luxembourg					
2179 Macao					
1155 Madagascar					
1140 Malawi					
2350 Malaysia					
1545 Mali					
1165 Mauritius					
4270 Mexico					
1369 Morocco					
2330 Nepal					
3250 Netherlands					
4179 Netherlands Antilles					
5130 New Zealand					
4250 Nicaragua					
1580 Nigeria					
3270 Norway					
2445 Oman					

	1987/88	1988/89 UG	GRAD	OTHER	TOTAL
5700 Pacific Is. Trust Terr.					
2235 Pakistan					
4290 Panama					
4360 Paraguay					
4380 Peru					
2380 Philippines					
3150 Poland					
3270 Portugal					
2480 Qatar					
3170 Romania					
2496 Saudi Arabia					
1570 Senegal					
1575 Sierra Leone					
2345 Singapore					
1170 Somalia					
1440 South Africa					
3230 Spain					
2245 Sri Lanka					
1370 Sudan					
4360 Suriname					
1490 Swaziland					
3253 Sweden					
3256 Switzerland					
2480 Syria					
2120 Taiwan					
1105 Tanzania					
2090 Thailand					
1060 Togo					
4180 Trinidad & Tobago					
1390 Tunisia					
2455 Turkey					
1105 Uganda					
3190 U S S R					
2479 United Arab Emirates					
3090 United Kingdom					
4365 Uruguay					
4070 Venezuela					
2090 Vietnam					
5250 Western Samoa					
2485 Yemen Arab Republic					
3150 Yugoslavia					
1299 Zaire					
1190 Zambia					
1180 Zimbabwe					

NUMBER OF FOREIGN STUDENTS FROM ADDITIONAL COUNTRIES REPORTED IN 1987/88: PLEASE LIST ADDITIONAL COUNTRIES FOR 1988/89 ON PAGE 4.

ICDC AACRAO • IIE • NAFSA International Committee on Data Collection

ANNUAL CENSUS OF FOREIGN STUDENTS 1988/89

OTHER FIELDS OF STUDY

Please list fields not found in Section H.

FIELDS (Please be specific: e.g. write out acronyms as general)	1988-89 UG	GRAD	OTHER	TOTAL

ADDITIONAL COUNTRIES

Please list here the number of students from countries other than the 132 listed on page 3.

COUNTRY	1988-89 UG	GRAD	OTHER	TOTAL	FOR AE 1988 ONLY

OTHER PRIMARY SOURCES OF FUNDS

Please specify primary sources of funds not found in Section E.

PRIMARY SOURCE OF FUNDS	1988-89 UG	GRAD	OTHER	TOTAL

ICDC

Interassociational Committee on Data Collection — AACRAO • IIE • NAFSA

October 31, 1988

Dear Colleague:

To meet the strong need for data on study abroad, two years ago, we requested that you send us information on American students who received credit from your institution for work done abroad. With your help, for the first time in many years, we were able to collect accurate statistics on the number and characteristics of students who study abroad. They were published by IIE in Open Doors 1986/87, the publication which is relied upon by policymakers at the institutional and national level for accurate and comprehensive information on international educational exchange. They also appeared in IIE's publications, Academic Year Abroad and Vacation Study Abroad.

This is a biennial survey and we are now updating those statistics. We, therefore, would like to ask for your assistance once again. We are requesting that you complete the enclosed questionnaire and return it by December 2, 1988 (please ignore the November 14 deadline appearing on the survey form). We need data on students who received credit from your institution for study abroad during 1987/88. Please read the instructions on the enclosed form carefully for details on the specific types of data needed. If you do not have the requested information, please forward the survey form to the appropriate campus official.

We are most grateful for the time and effort required to help us, and the many and various users of data on international educational exchange will be very appreciative.

Sincerely,

Robert E. Cyphers
President
American Association
of College Registrars
and Admissions Officers

Richard E. Krasno
President
Institute of
International
Education

Valerie Woolston
President
National Association for
Foreign Student Affairs

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STUDY ABROAD SURVEY—1987/88

PLEASE READ CAREFULLY BEFORE COMPLETING FORM

INSTRUCTIONS

INCLUDE ALL STUDENTS WHO RECEIVED ACADEMIC CREDIT FROM YOUR INSTITUTION FOR STUDYING ABROAD DURING THE 1987/88 ACADEMIC YEAR (INCLUDING INTERSESSION AND SUMMER OF 1988).

INCLUDE ONLY STUDENTS WHO ARE UNITED STATES CITIZENS OR PERMANENT RESIDENTS

IF YOU CAN PROVIDE ONLY PARTIAL INFORMATION, PLEASE DO SO

DEADLINE FOR THE RETURN OF THIS FORM IS NOVEMBER 14, 1988*

In this form we are asking you to provide information on all those students who are U.S. citizens or permanent residents who have received academic credit from your institution for study abroad during the 1987/88 academic year, including intersession and summer of 1988.

You SHOULD INCLUDE only those students who received credit from **your institution**.

A) those who participated in programs **sponsored by your institution**
B) those who were **independently enrolled** in foreign colleges and universities

DO NOT include students who participated in study abroad programs sponsored by other U.S. institutions, and who received study abroad credit from those institutions.

Please provide as much information as you possibly can. But, if you can provide us only with partial information, especially the total number of students who received credit for studying abroad from your institution, that will be a very valuable contribution. We would also appreciate it if you would make arrangements to have more complete information available in the future.

Direct any inquiries and return completed forms to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017
Telephone: (212) 984-5349

Thank you very much for your time and effort in providing these very valuable data. Your contribution will greatly enhance our knowledge of international educational exchanges.

*Please respond to the survey as soon as possible, so that we can include study abroad data in the next edition of *Open Doors*. We would like to have the information by NOVEMBER 14, 1988. However, since this is a relatively new undertaking, we will accept completed forms after that date.

RESPONDENT INFORMATION
(Should be completed by official whom IIE should contact in the future)

COLLEGE OR UNIVERSITY: _____

TITLE: _____

ADDRESS: _____

_____

CITY: STATE: ZIP: _____

TELEPHONE: (___) _____

Over, please

STUDY ABROAD INFORMATION

1. TOTAL NUMBER OF STUDENTS RECEIVING CREDIT

Total number of students (U.S. citizens or permanent residents) who received academic credit from YOUR institution for studying abroad during the academic year 1987-88, including Summer or 1988.

A. Number of students participating in programs sponsored by your institution _____

B. Number of students who were directly enrolled in foreign institutions _____

C. Other students (please explain) _____ _____

_____ _____

TOTAL NUMBER OF STUDENTS _____

2. HOST COUNTRIES

Countries in which students who received study abroad credid form your institution studied (Listthe countries and the number of students that studied in each.

Country	**Number of students**
(example) France	100
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	

(Attach a separate sheet if more than 20 countries were involved).

21. DO NOT KNOW _____

TOTAL NUMBER OF STUDENTS (should equal to TOTAL in question 1) _____

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3. **DURATION OF STUDY ABROAD**
How many students studied abroad for each of the following time periods?

Duration	**Number of students**
Quarter	
Semester	
Summer (4-10 weeks, offered only during summer)	
Academic year (9-10 months)	
Calendar year (12 months)	
Other (please specify)	
DO NOT KNOW	
TOTAL NUMBER OF STUDENTS (should equal TOTAL in question 1)	

4. **MAJOR FIELD OF STUDY**
CURRENT major field of study of students who received credit for studying abroad from your institution

Field of Study	**Number of students**
Agriculture	
Business and Management	
Education	
Engineering	
Fine and Applied Arts	
Foreign Languages	
Health Sciences	
Humanities	
Liberal Arts	
Mathematics and Computer Sciences	
Physical and Life Sciences	
Social Sciences	
Undeclared	
Other (please explain _____)	
DO NOT KNOW	
TOTAL NUMBER OF STUDENTS (should equal TOTAL in question 1)	

5. **ACADEMIC LEVEL**
Academic level of students who received credit from your institution DURING study abroad.

Academic Level	**Number of students**
Associate (both first and second year)	
Bachelor's	
Freshman	
Sophomore	
Junior	
Senior	
Unknown	
Total Bachelor's	
Graduate	
DO NOT KNOW	
TOTAL NUMBER OF STUDENTS (should equal TOTAL in question 1)	

6. **GENDER**
Number of male and female students who received credit for studying abroad from your institution.

Gender	**Number of students**
Male	
Female	
DO NOT KNOW	
TOTAL NUMBER OF STUDENTS (should equal TOTAL in question 1)	

THANK YOU VERY MUCH FOR YOUR PARTICIPATION IN THIS SURVEY.

ICDC

Interassociational Committee on Data Collection — AACRAO • IIE • NAFSA

October 12, 1988

Dear Colleague:

We are writing to request your continued cooperation in the Survey of Intensive English Language Programs. The results of this survey are reported each year in *Open Doors*, a publication which is widely used by government, business, institutions of higher education, and educational exchange organizations to obtain data on the international flow of students.

AACRAO, IIE, and NAFSA are grateful to all who responded to this survey last year. The results will be reported in the 1987/88 edition of *Open Doors*, now in production.

Please complete the enclosed questionnaire and return it as soon as possible, BUT NO LATER THAN NOVERMBER 14,1988 to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, New York 10017

If you have any questions regarding the survey, call the Research Division, IIE at (212) 984-5349.

Thank you for your continued cooperation.

Sincerely,

Robert E. Cyphers
President
American Association
of College Registrars
and Admissions Officers

Richard E. Krasno
President
Institute of
International
Education

Valerie Woolston
President
National Association for
Foreign Student Affairs

ICDC

Interassociational Committee on Data Collection

AACRAO • IIE • NAFSA

SURVEY OF INTENSIVE ENGLISH LANGUAGE PROGRAMS: FALL TERM 1988/89

The attached label should include the Title/Office, Reporting Official, the institution's name and address, and the reporting official's telephone number. Please make any necessary changes.

Title/Office

Reporting Official

Institution

City State Zip

(Telephone)

PLEASE REPORT ON THE NON-IMMIGRANT FOREIGN STUDENTS ENROLLED IN YOUR INTENSIVE ENGLISH LANGUAGE PROGRAM FOR AT LEAST 15 CONTACT HOURS PER WEEK IN PROGRAMS IN SESSION AS OF OCTOBER 15, 1988. DO NOT REPORT STUDENTS FROM GUAM, AMERICAN SAMOA, PUERTO RICO, OR THE US VIRGIN ISLANDS.

1. How many foreign students (nonimmigrants) were enrolled in your intensive English language program as of October 15, 1988? ☐☐☐☐ ☐ Check if estimated

2. The number of males/females is: ☐☐☐☐ Males ☐☐☐☐ Females

3. The number of students holding: ☐☐☐☐ F Visa ☐☐☐☐ J Visa ☐☐☐☐ M Visa ☐☐☐☐ Other Visa ☐☐☐☐ Refugee

4. If you are affiliated with a college or university, will this number be reported by that institution in the Annual Census of Foreign Students? ☐ Yes ☐ No (Check one)

5. If yes, how many Intensive English Language students will be included in the Annual Census by your affiliated college or university? ☐☐☐☐

6. Please list below the countries of citizenship of your intensive English language students:

COUNTRY	NO. OF STUDENTS	FOR IIE USE ONLY	COUNTRY	NO. OF STUDENTS	FOR IIE USE ONLY

PLEASE LIST ANY ADDITIONAL COUNTRIES ON THE REVERSE SIDE OF THIS PAGE

ANY QUESTIONS SHOULD BE DIRECTED TO: Research Division, IIE, (212) 984-5349

THIS FORM SHOULD BE RETURNED BY NOVEMBER 14, 1988 TO:

RESEARCH DIVISION
INSTITUTE OF INTERNATIONAL EDUCATION
809 United Nations Plaza
New York, NY 10017

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A8. FOREIGN STUDENT ENROLLMENT IN INTENSIVE ENGLISH LANGUAGE PROGRAMS

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
AL	ALABAMA/ELI, UNIV OF	UNIVERSITY	37	74	100.0	Y	Y
	GADSDEN ST JC/LANG INST	GADSDEN	69	86	24.6	Y	Y
	SOUTH ALABAMA/ESL, U OF	MOBILE			\\\\\\\	N	
	SPRING HILL COLL/ELI	MOBILE	45	80	77.8	Y	Y
	STATE TOTAL		151	240			
AK	ALASKA PACIFIC UNIV/ELI	ANCHORAGE	4	6	50.0	Y	A
	STATE TOTAL		4	6			
AZ	AMERICN GRAD SCH INTL MGT	GLENDALE	4	10	150.0	Y	Y
	ARIZ STATE U/ALCP	TEMPE	161	157	02.4-	Y	A
	ARIZ/CENTER ESL, UNIV OF	TUCSON	269	230	14.4-	Y	Y
	COCHISE COLL	DOUGLAS	94	103	09.6	Y	Y
	NORTHERN ARIZONA UNIV/ESL	FLAGSTAFF	10	9	10.0-	Y	Y
	STATE TOTAL		538	509			
AR	ARKANSAS AT LITTLE ROCK,U	LITTLE ROCK	54	85	57.4	Y	Y
	ARKANSAS STATE UNIV/ESL	STATE UNIV	10	20	100.0	Y	Y
	STATE TOTAL		64	105			
CA	ACAD OF WORLD STUDIES	SAN FRANCISCO	61	68	11.5	Y	A
	AMERICAN LANG PROGRAMS	CAMPBELL	31	32	03.2	Y	A
	AMERICAN LANGUAGE ACAD	BERKELEY	23		100.0-	N	
	ARMSTRONG COLL	BERKELEY		70	\\\\\\\	Y	A
	AZUSA PACIFIC UNIV/ELI	AZUSA			\\\\\\\	N	
	BERKELEY ADULT SCH	BERKELEY	190	161	15.2-	Y	A
	CAL BERKELEY, UNIV OF	BERKELEY	160	233	45.6	Y	A
	CAL BERKELEY/ELP, UNIV OF	SAN FRANCISCO	96	132	37.5	Y	A
	CAL DAVIS/ESL, UNIV OF	DAVIS	205	182	11.2-	Y	E
	CAL EXTENSION/ESL, U OF	IRVINE	178	229	28.7	Y	A
	CAL LOS ANGELES/ESL, U OF	LOS ANGELES			\\\\\\\	N	
	CAL LUTHERAN COLL/ESL	THOUSAND OAKS	13	14	07.7	Y	Y
	CAL RIVERSIDE/IEP, U OF	RIVERSIDE			\\\\\\\	N	
	CAL SANTA CRUZ, UNIV OF	SANTA CRUZ			\\\\\\\	Y	S
	CAL ST CHICO/ESL	CHICO	39	45	15.4	Y	A
	CAL ST FRESNO/AM ENG INST	FRESNO	69	108	56.5	Y	A
	CAL ST HAYWARD/AM LAN PGM	HAYWARD	78	139	78.2	Y	A
	CAL ST LONG BEACH/ALI	LONG BEACH			\\\\\\\	N	

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
	CAL ST LOS ANGELES/ESL	LOS ANGELES	188	263	39.9	Y	A
	CAL ST SAN BERNARDINO/ESL	SAN BERNARDINO	53	83	56.6	Y	A
	CAL ST STANISLAUS/ESL	TURLOCK			\\\\\\	N	
	CAL ST U NORTHRIDGE/ESL	NORTHRIDGE	259	291	12.4	Y	A
	CHAPMAN COLL/ELI	ORANGE	49		100.0-	N	
	COASTLINE CMTY COLL/ESL	WESTMINSTER		600	\\\\\\	Y	E
	COMPTON CMTY COLL/ESL	COMPTON			\\\\\\	N	
	DIVERSIFIED LANGUAGE INST	LOS ANGELES	59	76	28.8	Y	A
	ELS LANG CTR/OAKLAND	OAKLAND	79	75	05.0-	Y	A
	ELS LANG CTR/SAN DIEGO	SAN DIEGO	110	135	22.7	Y	A
	ELS LANG CTR/SAN FRAN	SAN FRANCISCO	98	105	07.1	Y	A
	ELS LANG CTR/SANTA MONICA	SANTA MONICA	153	195	27.5	Y	A
	ENG CTR FOR INTL WOMEN	OAKLAND	23	51	121.7	Y	A
	GOLDEN GATE LANGUAGE SCHS	CAMPBELL			\\\\\\	N	
	GOLDEN GATE UNIV/ESL	SAN FRANCISCO	26	33	26.9	Y	A
	HUMBOLDT STATE UNIV/ILI	ARCATA		30	\\\\\\	Y	Y
	INTL ENGLISH INST	FRESNO	126	126	00.0	Y	A
	ISE-WEST	BELMONT	54	71	31.5	Y	A
	LANGUAGE CTR OF PACIFIC	LAGUNA HILLS	145	155	06.9	Y	E
	LANGUAGE INST FOR ENGLISH	SAN RAFAEL	48	90	87.5	Y	A
	LINCOLN UNIV/ESL	SAN FRANCISCO	19	16	15.7-	Y	A
	MARIN/ESL, COLL OF	KENTFIELD	33	37	12.1	Y	Y
	MARYMOUNT PALOS VERDES C	PALOS VERDES			\\\\\\	N	
	MONTEREY INST INTL STDIES	MONTEREY			\\\\\\	N	
	NEW COLL CALIFORNIA/ESLI	MILLBRAE	61	97	59.0	Y	A
	PACIFIC ENGLISH LANG INST	SAN LUIS OBISPO		37	\\\\\\	Y	A
	PACIFIC, UNIV OF	STOCKTON			\\\\\\	Y	A
	PITZER COLL/PACE	CLAREMONT	40	38	05.0-	Y	A
	SAN DIEGO STATE UNIV	SAN DIEGO	289	418	44.6	Y	A
	SAN FRANCISCO STATE U/ESL	SAN FRANCISCO	128	125	02.3-	Y	A
	SAN FRANCISCO/ESL, U OF	SAN FRANCISCO	70		100.0-	N	
	SAN JOSE STATE UNIV	SAN JOSE	95	90	05.2-	Y	A
	SOUTHERN CALIFORNIA, U OF	LOS ANGELES		490	\\\\\\	Y	Y
	ST MARY'S COLL/IEP	MORAGA	16	22	37.5	Y	Y
	UC SANTA BARBARA EXTEN	SANTA BARBARA	148	163	10.1	Y	E
	UCLA EXTENSN/AM LANG CTR	LOS ANGELES	136	150	10.3	Y	A
	UNITED STATES INTL U/ESL	SAN DIEGO	101	121	19.8	Y	Y
	WEST COAST UNIV/ELI	LOS ANGELES			\\\\\\	N	
	WHITTIER COLL/ELP	WHITTIER		5	\\\\\\	Y	Y
	WOODBURY UNIV/AELP	BURBANK			\\\\\\	N	
	STATE TOTAL		3749	5601			
CO	AMERICAN LANGUAGE ACAD	PUEBLO	47	36	23.4-	Y	A
	BRIDGE INTL SCH	DENVER		45	\\\\\\	Y	A
	COLORADO SCH OF MINES/ESL	GOLDEN		79	\\\\\\	Y	Y
	COLORADO STATE UNIV/ESL	FORT COLLINS	79	90	13.9	Y	A
	COLORADO/INT ENGL, U OF	BOULDER	79	106	34.2	Y	A

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
	DENVER/ENG LANG CTR, U OF	DENVER	45	60	33.3	Y	A
	ECONOMICS INST	BOULDER	101	71	29.7-	Y	A
	ELS LANG CTR/DENVER	DENVER	69	45	34.7-	Y	A
	MORGAN CMTY COLL/EFL	FORT MORGAN			\\\\\\	Y	A
	SPRING INTL LANGUAGE CTR	DENVER		42	\\\\\\	Y	A
	SPRING INTL LANGUAGE CTR	LITTLETON	79	80	02.6	Y	A
	STATE TOTAL		498	654			
CT	ELS LANG CTR/BRIDGEPORT	BRIDGEPORT	80	100	25.0	Y	A
	HARTFORD/ELI, UNIV OF	WEST HARTFORD		44	\\\\\\	Y	Y
	MITCHELL COLL/ESL	NEW LONDON	12	6	50.0-	Y	Y
	QUINEBAUG VLY CMTY COLL	WILLIMANTIC	18		100.0-	N	
	STATE TOTAL		110	150			
DE	DELAWARE TECH & CC/ESL	WILMINGTON			\\\\\\	N	
	DELAWARE/ESL, UNIV OF	NEWARK	197	166	15.7-	Y	Y
	STATE TOTAL		197	166			
DC	AMERICAN UNIV/ELI	WASHINGTON		376	\\\\\\	Y	Y
	CATHOLIC UNIV OF AMERICA	WASHINGTON	27	36	33.3	Y	A
	ELS LANG CTR/DC	WASHINGTON	74	70	05.4-	Y	A
	GEORGE WASHINGTON U/EFL	WASHINGTON	109	116	07.4	Y	Y
	GEORGETOWN U/AM LANG INST	WASHINGTON	63	97	54.0	Y	A
	GEORGETOWN U/ENG FOR LANG	WASHINGTON	141	124	12.0-	Y	A
	INTL CTR FOR LANG STUDIES	WASHINGTON			\\\\\\	N	
	SANZ SCH	WASHINGTON	160	160	00.0	Y	A
	U S DEPT AGRIC GRAD SCH	WASHINGTON			\\\\\\	N	
	STATE TOTAL		573	979			
FL	AMERICAN LANG ACAD/TAMPA	TAMPA	21	46	119.0	Y	A
	BARRY UNIV/ESL	MIAMI	35	59	68.6	Y	Y
	CHARRON WILLIAMS COLL/ESL	MIAMI			\\\\\\	N	
	ELS LANG CTR/ST PETERSBRG	ST PETERSBURG	137	185	35.0	Y	A
	FLORIDA INST TECHNOL/ESL	MELBOURNE	76	76	00.0	Y	Y
	FLORIDA INTL UNIV/IEP	MIAMI	126	99	21.4-	Y	Y
	FLORIDA STATE UNIV/CIES	TALLAHASSEE	37	37	00.0	Y	A
	FLORIDA/ELI, UNIV OF	GAINESVILLE		86	\\\\\\	Y	Y
	INTL TRAINING, SCH FOR	JACKSONVILLE	65	57	12.3-	Y	Y

ST	PROGRAM	CITY	F.S. 87/89	F.S. 88/89	% CHANGE	RESP 88/89	*
	LINDSEY HOPKINS ED CTR	MIAMI SPRINGS	107	79	26.1-	Y	A
	MIAMI-DADE CMTY COLL/ESL	MIAMI	964	1068	10.8	Y	Y
	MIAMI/INT ENG PROG, U OF	CORAL GABLES	177	198	11.9	Y	A
	NOVA UNIV/ILP	FORT LAUDERDALE	110	112	01.8	Y	Y
	SOUTH FLORIDA/ESL, U OF	TAMPA	98	76	22.4-	Y	A
	STATE TOTAL		1953	2178			
GA	BREWTON-PARKER COLL/ELI	MOUNT VERNON			\\\\\\	N	
	ELS LANG CTR/ATLANTA	ATLANTA	55	55	00.0	Y	A
	GEORGIA INST TECHNOL/EFL	ATLANTA	145	160	10.3	Y	A
	GEORGIA SOUTHERN COLL/ESL	STATESBORO	33		100.0-	N	
	GEORGIA STATE UNIV/ESL	ATLANTA	65		100.0-	N	
	GEORGIA/ALP, UNIV OF	ATHENS	67	45	32.8-	Y	Y
	MORRIS BROWN COLL/ESL	ATLANTA			\\\\\\	Y	A
	STATE TOTAL		365	260			
HI	BRIGHAM YOUNG UNIV/ELI	LAIE	257	289	12.5	Y	Y
	HAWAII LOA COLL/ESL	KANEOHE			\\\\\\	N	
	HAWAII MANOA/HELP, U OF	HONOLULU	119	156	31.1	Y	Y
	HAWAII PACIFIC COLL	HONOLULU	252	390	54.8	Y	Y
	KAUAI CMTY COLL/ELI	LIHUE	1	5	400.0	Y	Y
	LEEWARD CMTY COLL/ELI	PEARL CITY		6	\\\\\\	Y	B
	STATE TOTAL		629	846			
ID	LEWIS-CLARK UNIV/ESL	LEWISTON	43	44	02.3	Y	Y
	STATE TOTAL		43	44			
IL	AMERICAN LANGUAGE ACAD	LAKE FOREST	16	33	106.3	Y	A
	ELS LANG CTR/CHICAGO	CHICAGO	79	110	39.2	Y	A
	ILL AT CHICAGO, UNIV OF	CHICAGO	94	86	08.5-	Y	Y
	ILL URBANA-CHAMPAIGN,U OF	URBANA			\\\\\\	N	
	KISHWAUKEE COLL/ESL	MALTA			\\\\\\	N	
	LOOP COLL/ESL	CHICAGO	559	673	20.4	Y	Y
	MACCORMAC JR COLL	CHICAGO	5	3	40.0-	Y	Y
	MALLINCKRODT COLL/ESL	WILMETTE	8	9	12.5	Y	Y
	ROCKFORD COLL/ELSC	ROCKFORD	15	27	80.0	Y	A
	ROOSEVELT UNIV/ELP	CHICAGO	46	34	26.0-	Y	Y
	SOUTHERN ILLINOIS U/ESL	CARBONDALE	103	146	41.7	Y	A

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
	WESTERN ILLINOIS UNIV/ESL	MACOMB		107	\\\\\\	Y	Y
	STATE TOTAL		925	1228			
IN	BALL STATE UNIV/ESL	MUNCIE	1		100.0-	N	
	ELS LANG CTR/INDIANAPOLIS	INDIANAPOLIS	48	50	04.2	Y	A
	EVANSVILLE/ESL, UNIV OF	EVANSVILLE	47		100.0-	N	
	INDIANA INST TECHNOL/ESL	FORT WAYNE		4	\\\\\\	Y	Y
	INDIANA UNIV/ENG LANG PGM	BLOOMINGTON	64	100	56.3	Y	Y
	INTERLINK LANGUAGE CTR	TERRE HAUTE	13	20	53.8	Y	Y
	TRI-STATE U/ENG LANG CTR	ANGOLA		12	\\\\\\	Y	Y
	VINCENNES UNIV/ESL	VINCENNES	25	33	32.0	Y	Y
	STATE TOTAL		198	219			
IA	CENTRAL COLL/ESL	PELLA			\\\\\\	Y	A
	CLARKE COLL/ESL	DUBUQUE	18		100.0-	N	
	COE COLL/ESL	CEDAR RAPIDS	13	16	23.1	Y	Y
	CORNELL COLL/ESL	MOUNT VERNON	4	2	50.0-	Y	Y
	DIVINE WORD COLL/IELI	EPWORTH	4	8	100.0	Y	Y
	DRAKE UNIV	DES MOINES		24	\\\\\\	Y	Y
	DUBUQUE/ESL, UNIV OF	DUBUQUE	45		100.0-	Y	A
	IOWA STATE UNIV/ESL	AMES	68	77	13.2	Y	Y
	IOWA/ESL, UNIV OF	IOWA CITY	33	36	09.1	Y	Y
	KIRKWOOD CMTY COLL/ESL	CEDAR RAPIDS	48	95	97.9	Y	Y
	NORTHERN IOWA, UNIV OF	CEDAR FALLS	25	41	64.0	Y	Y
	STATE TOTAL		258	299			
KS	DONNELLY COLL/INT ENG CTR	KANSAS CITY	92	101	09.8	Y	A
	EMPORIA STATE UNIV/IEP	EMPORIA		22	\\\\\\	Y	Y
	KANSAS STATE UNIV/ESL	MANHATTAN	57	55	03.5-	Y	Y
	KANSAS/ESL, UNIV OF	LAWRENCE	107	115	07.5	Y	Y
	OTTAWA UNIV/ELI	OTTAWA	10	20	100.0	Y	Y
	PITTSBURG STATE UNIV/ESL	PITTSBURG	38	48	26.3	Y	Y
	WICHITA STATE UNIV/ESL	WICHITA	185	197	06.5	Y	Y
	STATE TOTAL		489	558			
KY	KENTUCKY, UNIV OF	LEXINGTON	45	57	26.7	Y	A
	LOUISVILLE/ESL, UNIV OF	LOUISVILLE	30	36	20.0	Y	Y

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
	STATE TOTAL		75	93			
LA	DELGADO COLL/ESL	NEW ORLEANS			\\\\\\	N	
	LOUISIANA STATE UNIV/ESL	BATON ROUGE	224	140	37.5-	Y	A
	LOUISIANA TECH UNIV/ESL	RUSTON	35		100.0-	N	
	LOYOLA UNIV/ESL	NEW ORLEANS	22	29	31.8	Y	Y
	NEW ORLEANS/ESL, UNIV OF	NEW ORLEANS		5	\\\\\\	Y	E
	NTHWSTN STATE UNIV/ILOP	NATCHITOCHES			\\\\\\	N	
	PHILLIPS JR COLL/ESL	NEW ORLEANS			\\\\\\	N	
	TULANE UNIV/TESL INST	NEW ORLEANS	184	82	55.4-	Y	A
	STATE TOTAL		465	256			
ME	HUSSON COLL/ICLS	BANGOR	32	26	18.7-	Y	Y
	STATE TOTAL		32	26			
MD	MARYLAND/ESL, UNIV OF	COLLEGE PARK	35	40	14.3	Y	A
	MONTGOMERY COLL	ROCKVILLE	161	243	50.9	Y	Y
	NOTRE DAME/ESL, COLL OF	BALTIMORE	19	50	163.2	Y	Y
	STATE TOTAL		215	333			
MA	AM LANG ACAD/BABSON PARK	BABSON PARK	87	130	49.4	Y	A
	AM LANG ACAD/SOUTHBOROUGH	SOUTHBOROUGH	13		100.0-	Y	C
	BOSTON SCH MODERN LANG	BOSTON		56	\\\\\\	Y	A
	BOSTON UNIV/ESL	BOSTON	375	494	31.7	Y	Y
	BRADFORD COLL/ESL	BRADFORD	22	31	40.9	Y	Y
	CENTRAL NEW ENGLAND C/ELI	WORCESTER	11	3	72.7-	Y	A
	ELS LANG CTR/BOSTON	BOSTON	172	210	22.1	Y	A
	HARVARD UNIV/ESL	CAMBRIDGE	411		100.0-	Y	S
	INTL LANGUAGE INST INC	NORTHAMPTON	9	6	33.3-	Y	A
	MOUNT IDA COLL/ESL	NEWTON CENTRE	22	15	31.9-	Y	A
	NEWBURY JR COLL/ESL	BOSTON			\\\\\\	N	
	NEWMAN PREPARATORY SCH	BOSTON	30	23	23.3-	Y	A
	NORTH SHORE CMTY COLL/ESL	BEVERLY	35	27	22.8-	Y	Y
	NORTHEASTERN UNIV/ESL	BOSTON	153	209	36.6	Y	Y
	NORTHERN ESSEX CMTY COLL	HAVERHILL		4	\\\\\\	Y	Y
	PINE MANOR COLL	CHESTNUT HILL	21	13	38.0-	Y	Y
	STATE TOTAL		1361	1221			

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
MI	DETROIT, UNIV OF	DETROIT		82	\\\\\\	Y	Y
	EASTERN MICHIGAN UNIV/ESL	YPSILANTI	75	175	133.3	Y	Y
	FERRIS STATE COLL/ESL	BIG RAPIDS	60	65	08.3	Y	Y
	MICHIGAN LANGUAGE CENTER	ANN ARBOR	66	76	15.2	Y	A
	MICHIGAN STATE UNIV/ESL	EAST LANSING	37	48	29.7	Y	Y
	MICHIGAN, UNIV OF	ANN ARBOR			\\\\\\	Y	A
	WAYNE STATE UNIV/ELI	DETROIT	93		100.0-	N	
	WESTERN MICHIGAN UNIV/ESL	KALAMAZOO	65	90	38.5	Y	A
	STATE TOTAL		396	536			
MN	ELS LANG CTR/ST PAUL	SAINT PAUL	64	95	48.4	Y	A
	MACALESTER COLL/ESL	SAINT PAUL			\\\\\\	N	
	MINNESOTA TWIN CITIES, U	MINNEAPOLIS	150	71	52.6-	Y	A
	STATE TOTAL		214	166			
MS	MISSISSIPI/ESL, UNIV OF	UNIVERSITY	26	31	19.2	Y	Y
	STHN MISSISSIPPI/ESL, U	HATTIESBURG	96	72	25.0-	Y	A
	WOOD JR COLL/ESL	MATHISTON			\\\\\\	N	
	STATE TOTAL		122	103			
MO	LINDENWOOD COLL/ESL	SAINT CHARLES			\\\\\\	Y	A
	MARYVILLE COLL/ESL	SAINT LOUIS			\\\\\\	N	
	MISSOURI COLUMBIA/EFL, U	COLUMBIA	50	58	16.0	Y	Y
	ST LOUIS UNIV	SAINT LOUIS	76	74	02.6-	Y	Y
	WASHINGTON UNIV/ESL	SAINT LOUIS	2		100.0-	N	
	WEBSTER UNIV/ESL	SAINT LOUIS	23	20	13.0-	Y	Y
	STATE TOTAL		151	152			
NE	CREIGHTON UNIV/ESL	OMAHA	18	16	11.1-	Y	Y
	DOANE COLL/ESL	CRETE	28	43	53.6	Y	Y
	NEBRASKA LINCOLN, UNIV OF	LINCOLN	14	121	764.3	Y	A
	NEBRASKA OMAHA/ILP, U	OMAHA	64	105	64.1	Y	A
	STATE TOTAL		124	285			
NV	CLARK CO CMTY COLL/ESL	LAS VEGAS	301	6	98.0-	Y	Y

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	⊕
	NEVADA RENO, UNIV OF	RENO	16	20	25.0	Y	Y
	STATE TOTAL		317	26			
NH	NEW HAMPSHIRE COLL/ESL	MANCHESTER	21	40	90.5	Y	Y
	NEW HAMPSHIRE/ELP, U OF	DURHAM		77	\\\\\\	Y	A
	STATE TOTAL		21	117			
NJ	BURLINGTON CO COLL/IESL	PEMBERTON	3	3	00.0	Y	Y
	CALDWELL COLL/AELSP	CALDWELL			\\\\\\	N	
	GLASSBORO ST COLL CAMDEN	CAMDEN	12		100.0-	N	
	LANGUAGE INST FOR ENGLISH	RUTHERFORD	203	242	19.2	Y	A
	RUTGERS UNIV/ELP	NEW BRUNSWICK	86	146	69.8	Y	Y
	STATE TOTAL		304	391			
NM	NEW MEXICO MILITARY INST	ROSWELL	25	18	28.0-	Y	A
	NEW MEXICO STATE UNIV/ESL	LAS CRUCES	7	13	85.7	Y	Y
	NEW MEXICO/ESL, UNIV OF	ALBUQUERQUE	40		100.0-	N	
	STATE TOTAL		72	31			
NY	COLUMBIA UNIV/A L P	NEW YORK	253	304	20.2	Y	Y
	CONCORDIA COLL/ESL	BRONXVILLE	34	68	100.0	Y	Y
	CORNELL UNIV/ESL	ITHACA	66	72	09.1	Y	A
	CTR FOR ENGLISH STUDIES	NEW YORK	198	247	24.7	Y	A
	CUNY COLL STATEN IS/ELI	STATEN ISLAND	54	68	25.9	Y	Y
	CUNY HUNTER COLL/IELI	NEW YORK	915	843	07.8-	Y	A
	CUNY LAGUARDIA CC/IEP	LONG IS CITY	289	300	03.8	Y	A
	CUNY QUEENS COLL/ELI	FLUSHING	375	440	17.3	Y	A
	ELMIRA COLL/ESL	ELMIRA	24	16	33.3-	Y	A
	ELS LANG CTR/NEW YORK	NEW YORK	55	65	18.2	Y	A
	FULTON-MONTGOMERY CC/ESL	JOHNSTOWN	4	9	125.0	Y	Y
	HAGGERTY INSTITUTE	NEW PALTZ	43	73	15.9	Y	Y
	HOFSTRA UNIV/ESL	HEMPSTEAD	60	66	10.0	Y	Y
	LANGUAGE INST FOR ENGLISH	GREENVALE	73	124	69.9	Y	A
	LONG IS U-BKLYN CTR/ELI	BROOKLYN		77	\\\\\\	Y	Y
	MANHATTANVILLE COLL/ESL	PURCHASE		97	\\\\\\	Y	A
	MONROE CMTY COLL/ESL	ROCHESTER	5	3	40.0-	Y	A
	NEW YORK INST TECHNOL/ESL	NEW YORK			\\\\\\	N	
	NEW YORK U/AM LANG INST	NEW YORK	955	807	05.6-	Y	A

ST	PROGRAM	CITY	P.S. 87/88	P.S. 88/89	% CHANGE	RESP 88/89	A
	PACE UNIV/ESL	NEW YORK		0	\\\\\\	Y	Y
	POLYTECHNIC UNIV/ESL	BROOKLYN			\\\\\\	N	
	ROCHESTER INST TECH/ESOL	ROCHESTER	20	11	45.0-	Y	Y
	ROCHESTER/ESL, UNIV OF	ROCHESTER		31	\\\\\\	Y	Y
	ROCKLAND CMTY COLL/ESL	SUFFERN			\\\\\\	N	
	SUNY AT ALBANY/IEP	ALBANY	49	71	44.9	Y	Y
	SUNY AT BUFFALO/IELI	BUFFALO	113	141	24.8	Y	Y
	SUNY AT STONY BROOK/ESL	STONY BROOK		21	\\\\\\	Y	Y
	SUNY COLL FARMINGDALE/ESL	FARMINGDALE	19		100.0-	N	
	SYRACUSE UNIV/ELI	SYRACUSE	37	53	43.2	Y	A
	STATE TOTAL		3561	4015			
NC	CENTRAL PIEDMNT CMTY COLL	CHARLOTTE	431	457	06.0	Y	Y
	INTERLINK LANGUAGE CTRS	GREENSBORO	51	49	03.9-	Y	A
	NC CHARLOTTE/ESL, UNIV OF	CHARLOTTE	57	100	75.4	Y	Y
	NC STATE UNIV/ESL	RALEIGH	11		100.0-	Y	A
	STATE TOTAL		550	606			
OH	AKRON/ELI, UNIV OF	AKRON	67	70	04.5	Y	Y
	AMERICAN LANG ACAD/BEREA	BEREA	19	45	136.9	Y	A
	ASHLAND COLL/ESL	ASHLAND	33	30	09.0-	Y	Y
	CUYAHOGA CMTY C METRO/ESL	CLEVELAND			\\\\\\	N	
	DEFIANCE COLL	DEFIANCE			\\\\\\	Y	A
	ELMI	DAYTON	40	37	07.5-	Y	A
	ELS LANG CTR/CLEVELAND	CLEVELAND	55	60	09.1	Y	A
	FINDLAY COLL/ESL	FINDLAY	40	50	25.0	Y	Y
	HEIDELBERG COLL	TIFFIN	6	8	33.3	Y	Y
	MT ST JOSEPH/ESL, COLL OF	MOUNT ST JOSEPH	18	19	05.6	Y	Y
	OHIO DOMINICAN COLL/ESL	COLUMBUS	13	25	92.3	Y	A
	OHIO STATE UNIV/ESL	COLUMBUS	55	65	18.2	Y	Y
	OHIO UNIV/ESL	ATHENS	155	160	03.2	Y	Y
	OTTERBEIN COLL/ESL	WESTERVILLE	26	18	30.7-	Y	Y
	TOLEDO/ALI, UNIV OF	TOLEDO	194	128	34.0-	Y	Y
	XAVIER UNIV/ESL	CINCINNATI	26	34	30.8	Y	Y
	YOUNGSTOWN STATE UNIV/ESL	YOUNGSTOWN			\\\\\\	N	
	STATE TOTAL		747	749			
OK	ELS LANG CTR/NORMAN	NORMAN	68	82	20.6	Y	E
	ELS LANG CTR/OKLA CITY	OKLAHOMA CITY	57	85	49.1	Y	A
	OKLAHOMA STATE UNIV/ELI	STILLWATER	69	95	39.7	Y	Y
	PHILLIPS UNIV/ELP	ENID	7	2	71.4-	Y	Y

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	G
	SPARTAN SCH AERONAUTICS	TULSA	2	6	200.0	Y	A
	STHESTN OKLAHOMA ST U/ESL	DURANT			\\\\\\	N	
	TULSA/ENGL INST, UNIV OF	TULSA	76	85	11.8	Y	A
	STATE TOTAL		279	355			
OR	AMERICN LANG ACAD/ASHLAND	ASHLAND			\\\\\\	N	
	CONCORDIA COLL	PORTLAND		23	\\\\\\	Y	A
	LEWIS & CLARK COLL/ESL	PORTLAND	87	99	13.8	Y	Y
	LINFIELD COLL/ESL	MCMINNVILLE		32	\\\\\\	Y	Y
	OREGON STATE UNIV/ELI	CORVALLIS	133	178	33.8	Y	A
	OREGON/ESL, UNIV OF	EUGENE	150	147	02.0-	Y	A
	PACIFIC UNIV/ESL	FOREST GROVE		39	\\\\\\	Y	Y
	PORTLAND STATE UNIV/ESL	PORTLAND	109		100.0-	N	
	WARNER PACIFIC COLL/ESL	PORTLAND		16	\\\\\\	Y	Y
	STATE TOTAL		478	534			
PA	AM LANG ACAD/GLENSIDE	GLENSIDE		57	\\\\\\	Y	E
	DREXEL UNIV/ESL	PHILADELPHIA			\\\\\\	Y	A
	EDINBORO UNIV OF PA	EDINBORO	15	11	26.6-	Y	Y
	ELS LANG CTR/PHILADELPHIA	PHILADELPHIA	80	105	31.3	Y	A
	GWYNEDD-MERCY COLL/ESL	GWYNEDD VALLEY	9		100.0-	N	
	IMMACULATA COLL/ESL	IMMACULATA	19	17	10.5-	Y	Y
	INDIANA UNIV OF PA/ALI	INDIANA	24	37	54.2	Y	Y
	KING'S COLL/ESL	WILKES-BARRE			\\\\\\	N	
	PENNSYLVANIA STATE U/ESL	UNIVERSITY PARK		45	\\\\\\	Y	Y
	PENNSYLVANIA, UNIV OF	PHILADELPHIA	85	139	62.4	Y	Y
	PITTSBURGH/ELI, UNIV OF	PITTSBURGH	42	59	40.5	Y	A
	POINT PARK COLL/ESL	PITTSBURGH	37	47	27.0	Y	Y
	TEMPLE UNIV/IELP	PHILADELPHIA	79	78	01.2-	Y	Y
	STATE TOTAL		390	596			
RI	JOHNSON & WALES COLL/ESL	PROVIDENCE	35	30	14.2-	Y	E
	ROGER WILLIAMS COLL	BRISTOL		11	\\\\\\	Y	Y
	STATE TOTAL		35	41			
SC	SOUTH CAROLINA, UNIV OF	COLUMBIA	93	78	16.1-	Y	A
	STATE TOTAL		93	78			

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	@
SD	MIDWEST INST INTL STUDIES	SIOUX FALLS	29	46	64.9	Y	Y
	STATE TOTAL		29	46			
TN	INTL ENGLISH INST	NASHVILLE	42	129	207.1	Y	B
	KING COLL/ESL	BRISTOL	16	7	56.2-	Y	Y
	LINCOLN MEMORIAL UNIV/ESL	HARROGATE			\\\\\\\	N	
	MARYVILLE COLL/ESL	MARYVILLE	21	11	47.6-	Y	Y
	MEMPHIS STATE UNIV/ESL	MEMPHIS	41	45	09.8	Y	A
	TENNESSEE KNOXVL/ESL, U	KNOXVILLE	69	50	23.0-	Y	A
	TENNESSEE MARTIN/ESL, U	MARTIN	121	80	33.8-	Y	Y
	VANDERBILT UNIV/ESL	NASHVILLE	54	58	03.6	Y	Y
	STATE TOTAL		362	380			
TX	AM LANG ACAD/DENTON	DENTON		3	\\\\\\\	Y	A
	AMARILLO COLL/ESL	AMARILLO	91	9	90.1-	Y	Y
	AMERICAN ENGLISH INST	DALLAS		21	\\\\\\\	Y	A
	EL PASO CMTY COLL/IEP	EL PASO	80	736	820.0	Y	Y
	ELS LANG CTR/HOUSTON	HOUSTON	55	60	09.1	Y	A
	ENGLISH LANGUAGE, CTR OF	DALLAS	42	55	31.0	Y	A
	HOUSTON DOWNTOWN/ESL, U	HOUSTON	42	40	04.7-	Y	A
	HOUSTON, UNIV OF	HOUSTON	94	124	31.9	Y	Y
	HOWARD COLL/ESL	BIG SPRING			\\\\\\\	N	
	INCARNATE WORD COLL/ESL	SAN ANTONIO			\\\\\\\	Y	A
	MARY HARDIN-BAYLOR/ESL, U	BELTON		24	\\\\\\\	Y	Y
	NORTH TEXAS STATE UNIV	DENTON	103	133	29.1	Y	Y
	OUR LADY OF THE LAKE UNIV	SAN ANTONIO	19	34	78.9	Y	A
	PAN AMERICAN UNIV/ELI	EDINBURG	55	55	00.0	Y	A
	RICE UNIV/ESL	HOUSTON	44	63	43.2	Y	A
	SAM HOUSTON STATE U/ESL	HUNTSVILLE	7	14	100.0	Y	A
	STHWSTN ADVENTIST C/ESL	KEENE	8		100.0-	N	
	TEXAS A & I UNIV/ESL	KINGSVILLE	10	10	00.0	Y	A
	TEXAS A & M UNIV/ELI	COLLEGE STATION		42	\\\\\\\	Y	Y
	TEXAS ARLINGTON/ESL, U OF	ARLINGTON	43	43	00.0	Y	A
	TEXAS AUSTIN/ESL, U OF	AUSTIN	227	202	11.0-	Y	A
	TEXAS EL PASO/ELI U OF	EL PASO	36	20	44.4-	Y	A
	TEXAS TECH UNIV/ESOL	LUBBOCK	33		100.0-	N	
	TEXAS WESLEYAN COLL	FORT WORTH	39	48	23.1	Y	Y
	TRINITY VALLEY CMTY COLL	ATHENS	16		100.0-	Y	A
	STATE TOTAL		1044	1736			
UT	BRIGHAM YOUNG UNIV/ESL	PROVO	124	172	38.7	Y	A

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
	SNOW COLL/ESL	EPHRAIM	47	64	36.2	Y	Y
	UTAH STATE UNIV/IELI	LOGAN	117	98	16.2-	Y	Y
	UTAH, UNIV OF	SALT LAKE CITY	54	65	20.4	Y	Y
	WEBER STATE COLL/ESL	OGDEN	38	43	13.2	Y	Y
	WESTMINSTER COLL/ELSC	SALT LAKE CITY	32	43	34.4	Y	A
	WSTN AMERICAN LANG INST	SALT LAKE CITY	10	9	10.0-	Y	A
	STATE TOTAL		422	494			
VT	INTL TRAINING, SCH FOR	BRATTLEBORO	56	66	17.9	Y	Y
	ST MICHAEL'S COLL	WINOOSKI	72	171	137.5	Y	A
	STATE TOTAL		128	237			
VA	GEORGE MASON UNIV/ELI	FAIRFAX	74	74	00.0	Y	A
	MARYMOUNT COLL VIRGINIA	ARLINGTON	24	30	25.0	Y	Y
	NTHN VIRGINIA CMTY C/ESL	ANNANDALE			\\\\\\	N	
	OLD DOMINION UNIV/ESL	NORFOLK	43	50	16.3	Y	Y
	STATE TOTAL		141	154			
WA	BELLEVUE CMTY COLL/ESL	BELLEVUE	77	93	20.8	Y	A
	CENTRAL WASHINGTON UNIV	ELLENSBURG	30	45	50.0	Y	Y
	CITY UNIV	BELLEVUE	23	18	21.7-	Y	Y
	EASTERN WASHINGTON U/ESL	CHENEY	39	80	105.1	Y	Y
	EDMONDS CMTY COLL	LYNNWOOD		173	\\\\\\	Y	Y
	ELS LANG CTR/SEATTLE	SEATTLE	108	140	29.6	Y	A
	GONZAGA UNIV/ESL	SPOKANE	27	40	48.1	Y	Y
	HERITAGE COLL/ESL	TOPPENISH			\\\\\\	N	
	PACIFIC AMERICAN INST	OLYMPIA	25	25	00.0	Y	A
	PACIFIC LUTHERAN UNIV	TACOMA	67	63	05.9-	Y	A
	SEATTLE PACIFIC UNIV/IELI	SEATTLE	55	95	72.7	Y	Y
	SHORELINE CMTY COLL/ESL	SEATTLE			\\\\\\	N	
	SKAGIT VALLEY COLL/ESL	MOUNT VERNON			\\\\\\	Y	A
	ST MARTIN'S COLL/ESL	OLYMPIA	52	38	26.9-	Y	Y
	WASHINGTON ACAD LANGUAGES	SEATTLE	66	64	03.0-	Y	A
	WASHINGTON EXTEN, UNIV OF	SEATTLE	239	297	24.3	Y	A
	WASHINGTON STATE UNIV/ESL	PULLMAN	35	74	111.4	Y	A
	WESTERN WASHINGTON UNIV	BELLINGHAM	11	24	118.2	Y	A
	WHITWORTH COLL	SPOKANE	10		100.0-	N	
	STATE TOTAL		864	1269			

ST	PROGRAM	CITY	F.S. 87/88	F.S. 88/89	% CHANGE	RESP 88/89	*
WV	WEST VIRGINIA UNIV/ESL	MORGANTOWN		63	\\\\\\	Y	A
	WHEELING COLL/ESL	WHEELING	23	30	30.4	Y	A
	STATE TOTAL		23	93			
WI	MILWAUKEE AREA TECH COLL	MILWAUKEE	19	190	900.0	Y	Y
	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	5	21	320.0	Y	Y
	WISCONSIN ESL INST WESLI	MADISON	59	236	300.0	Y	A
	WISCONSIN MADISON, U OF	MADISON	16	21	31.3	Y	Y
	WISCONSIN MILWAUKEE, U OF	MILWAUKEE	109	120	10.1	Y	A
	STATE TOTAL		208	588			
			23965	29747			

NUMBER OF RECORDS SELECTED FOR THE REPORT = 383

A9. STUDY ABROAD STUDENTS BY INSTITUTIONS

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
AL	ALABAMA, UNIV OF	TUSCALOOSA		96
AL	JACKSONVILLE STATE UNIV	JACKSONVILLE		16
AL	JUDSON COLL	MARION		3
AL	MONTEVALLO, UNIV OF	MONTEVALLO		25
AL	SAMFORD UNIV	BIRMINGHAM		140
AL	TROY STATE U MAIN CAMPUS	TROY		1
AL			TOTAL	281
AR	ARKANSAS COLL	BATESVILLE		3
AR	ARKANSAS LITTLE ROCK,U OF	LITTLE ROCK		33
AR	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE		68
AR	HARDING UNIV	SEARCY		77
AR	HENDRIX COLL	CONWAY		16
AR	JOHN BROWN UNIV	SILOAM SPRINGS		11
AR	WESTARK CMTY COLL	FORT SMITH		8
AR			TOTAL	216
AZ	AMERICN GRAD SCH INTL MGT	GLENDALE		151
AZ	ARIZONA STATE UNIV	TEMPE		350
AZ	ARIZONA, UNIV OF	TUCSON		738
AZ	GRAND CANYON UNIV	PHOENIX		50
AZ	NORTHERN ARIZONA UNIV	FLAGSTAFF		55
AZ	PRESCOTT COLL	PRESCOTT		4
AZ			TOTAL	1,348
CA	ANTELOPE VALLEY COLL	LANCASTER		22
CA	BIOLA UNIV	LA MIRADA		50
CA	CAL BAPTIST COLL	RIVERSIDE		20
CA	CAL BERKELEY, UNIV OF	BERKELEY		224
CA	CAL COLL ARTS & CRAFTS	OAKLAND		7
CA	CAL INST OF ARTS	VALENCIA		2
CA	CAL LOS ANGELES, UNIV OF	LOS ANGELES		158
CA	CAL RIVERSIDE, UNIV OF	RIVERSIDE		39
CA	CAL SAN DIEGO, UNIV OF	LA JOLLA		124
CA	CAL SANTA BARBARA, U OF	SANTA BARBARA		1,049
CA	CAL SANTA CRUZ, UNIV OF	SANTA CRUZ		153
CA	CAL STATE C BAKERSFIELD	BAKERSFIELD		2
CA	CAL STATE U FULLERTON	FULLERTON		26
CA	CAL STATE U LONG BEACH	LONG BEACH		306
CA	CAL STATE U LOS ANGELES	LOS ANGELES		5
CA	CAL STATE U NORTHRIDGE	NORTHRIDGE		62
CA	CAL STATE U SACRAMENTO	SACRAMENTO		245
CA	CAL STATE U STANISLAUS	TURLOCK		5
CA	CHABOT COLL	HAYWARD		49

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
CA	CHAFFEY CMTY COLL	ALTA LOMA	200
CA	CHAPMAN COLL	ORANGE	15
CA	CHRIST COLL IRVINE	IRVINE	1
CA	CITY COLL SAN FRANCISCO	SAN FRANCISCO	181
CA	CLAREMONT MCKENNA COLL	CLAREMONT	60
CA	COLUMBIA COLL	COLUMBIA	1
CA	COMPTON CMTY COLL	COMPTON	40
CA	COSUMNES RIVER COLL	SACRAMENTO	25
CA	DOMINICAN COLL SAN RAFAEL	SAN RAFAEL	1
CA	FASHION INST DSGN MERCH	LOS ANGELES	2
CA	FIELDING INST	SANTA BARBARA	24
CA	FOOTHILL COLL	LOS ALTOS HILLS	230
CA	FRESNO CITY COLL	FRESNO	24
CA	HARVEY MUDD COLL	CLAREMONT	2
CA	HEBREW UNION C CAL BRANCH	LOS ANGELES	32
CA	JUDAISM, UNIV OF	LOS ANGELES	1
CA	LOS ANG CITY COLL	LOS ANGELES	438
CA	LOS ANG PIERCE COLL	WOODLAND HILLS	21
CA	MARYMNT PALOS VERDES COLL	RANCH PLS VERDS	45
CA	MODESTO JR COLL	MODESTO	2
CA	MONTEREY INST INTL STDIES	MONTEREY	23
CA	MT ST MARY'S COLL	LOS ANGELES	7
CA	NORTHROP UNIV	LOS ANGELES	20
CA	ORANGE COAST COLL	COSTA MESA	38
CA	PACIFIC CHRISTIAN COLL	FULLERTON	94
CA	PACIFIC UNION COLL	ANGWIN	29
CA	PACIFIC, UNIV OF THE	STOCKTON	70
CA	PASADENA CITY COLL	PASADENA	88
CA	PITZER COLL	CLAREMONT	90
CA	POMONA COLL	CLAREMONT	160
CA	SADDLEBACK COLL	MISSION VIEJO	25
CA	SAN DIEGO MIRAMAR COLL	SAN DIEGO	13
CA	SAN DIEGO, UNIV OF	SAN DIEGO	47
CA	SAN FRANCISCO THEOL SEM	SAN ANSELMO	3
CA	SAN FRANCISCO, UNIV OF	SAN FRANCISCO	30
CA	SANTA BARBARA CITY COLL	SANTA BARBARA	150
CA	SANTA CLARA UNIV	SANTA CLARA	245
CA	SANTA MONICA COLL	SANTA MONICA	265
CA	SCRIPPS COLL	CLAREMONT	60
CA	SONOMA STATE UNIV	ROHNERT PARK	6
CA	ST MARY'S COLL OF CAL	MORAGA	16
CA	STANFORD UNIV	STANFORD	485
CA	STHN CAL COLL	COSTA MESA	65
CA	STHN CAL, UNIV OF	LOS ANGELES	107
CA	VENTURA COLL	VENTURA	73
CA	WHITTIER COLL	WHITTIER	43
CA	WORLD COLL WEST	PETALUMA	34

TOTAL STUDY ABROAD STUDENTS REPORT
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STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
CA	WSTN ST UNIV C LAW ORANGE	FULLERTON		20
CA	WSTN ST UNIV C LAW SN DGO	SAN DIEGO		10
CA			TOTAL	6,209
CO	AURORA, CMTY COLL OF	AURORA		4
CO	COLORADO BOULDER, UNIV OF	BOULDER		257
CO	COLORADO COLL	COLO SPRINGS		164
CO	COLORADO STATE UNIV	FORT COLLINS		66
CO	FORT LEWIS COLL	DURANGO		19
CO	NAROPA INST	BOULDER		6
CO	NORTHERN COLORADO, U OF	GREELEY		14
CO	OTERO JR COLL	LA JUNTA		2
CO	PIKES PEAK CMTY COLL	COLO SPRINGS		3
CO	RED ROCKS CMTY COLL	GOLDEN		41
CO	WESTERN ST COLL COLORADO	GUNNISON		18
CO			TOTAL	594
CT	CONN, UNIV OF	STORRS		354
CT	FAIRFIELD UNIV	FAIRFIELD		77
CT	HARTFORD COLL FOR WOMEN	HARTFORD		1
CT	MATTATUCK CMTY COLL	WATERBURY		4
CT	SACRED HEART UNIV	FAIRFIELD		49
CT	SOUTHERN CONN STATE UNIV	NEW HAVEN		8
CT	WESTERN CONN STATE UNIV	DANBURY		1
CT			TOTAL	494
DC	AMERICAN UNIV	WASHINGTON		480
DC	GALLAUDET COLL	WASHINGTON		30
DC	GEORGE WASHINGTON UNIV	WASHINGTON		204
DC	GEORGETOWN UNIV	WASHINGTON		210
DC	HOWARD UNIV	WASHINGTON		8
DC	JHNS HOPKINS SCH ADV INTL	WASHINGTON		60
DC			TOTAL	992
DE	DELAWARE, UNIV OF	NEWARK		360
DE	GOLDEY BEACOM COLL	WILMINGTON		3
DE	WESLEY COLL	DOVER		2
DE			TOTAL	365
FL	BETHUNE COOKMAN COLL	DAYTONA BEACH		2
FL	BROWARD CMTY COLL	FORT LAUDERDALE		122
FL	ECKERD COLL	ST PETERSBURG		209

TOTAL STUDY ABROAD STUDENTS REPORT
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STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
FL	EDISON CMTY COLL	FORT MYERS		51
FL	FLAGLER COLL	ST AUGUSTINE		2
FL	FLORIDA, UNIV OF	GAINESVILLE		318
FL	MIAMI-DADE CMTY COLL	MIAMI		201
FL	NORTH FLORIDA, UNIV OF	JACKSONVILLE		14
FL	PALM BEACH CMTY COLL	LAKE WORTH		55
FL	PENSACOLA JR COLL	PENSACOLA		43
FL	ROLLINS COLL	WINTER PARK		117
FL	SOUTH FLORIDA, UNIV OF	TAMPA		265
FL	ST THOMAS UNIV	MIAMI		45
FL	STETSON UNIV	DELAND		27
FL	TALLAHASSEE CMTY COLL	TALLAHASSEE		64
FL	VALENCIA CMTY COLL	ORLANDO		91
FL	WEBBER COLL	BABSON PARK		12
FL			TOTAL	1,638
GA	AGNES SCOTT COLL	DECATUR		29
GA	ANDREW COLL	CUTHBERT		1
GA	BERRY COLL	MOUNT BERRY		16
GA	COLUMBUS COLL	COLUMBUS		28
GA	DALTON COLL	DALTON		15
GA	EMORY UNIV	ATLANTA		90
GA	GEORGIA COLL	MILLEDGEVILLE		1
GA	GEORGIA SOUTHERN COLL	STATESBORO		59
GA	GEORGIA SOUTHWESTERN COLL	AMERICUS		2
GA	GEORGIA, UNIV OF	ATHENS		445
GA	INTERDENOMINATL THEOL CTR	ATLANTA		2
GA	MACON JR COLL	MACON		2
GA	MERCER UNIV IN ATLANTA	ATLANTA		30
GA	MERCER UNIV MAIN CAMPUS	MACON		7
GA	MERCER UNIV STHN SCH PHAR	ATLANTA		14
GA	NORTH GEORGIA COLL	DAHLONEGA		36
GA	OGLETHORPE UNIV	ATLANTA		9
GA	SAVANNAH STATE COLL	SAVANNAH		1
GA	SHORTER COLL	ROME		11
GA	SOUTHERN COLL TECHNOLOGY	MARIETTA		11
GA	SPELMAN COLL	ATLANTA		17
GA	WESLEYAN COLL	MACON		1
GA	WEST GEORGIA COLL	CARROLLTON		18
GA	YOUNG HARRIS COLL	YOUNG HARRIS		8
GA			TOTAL	853
HI	CHAMINADE U OF HONOLULU	HONOLULU		3
HI	HAWAII AT MANOA, UNIV OF	HONOLULU		167
HI	HAWAII LOA COLL	KANEOHE		4
HI			TOTAL	174

TOTAL STUDY ABROAD STUDENTS REPORT
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STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
IA	BRIAR CLIFF COLL	SIOUX CITY	2
IA	BUENA VISTA COLL	STORM LAKE	8
IA	CENTRAL COLL OF IOWA	PELLA	400
IA	CLARKE COLL	DUBUQUE	4
IA	COE COLL	CEDAR RAPIDS	4
IA	CORNELL COLL	MOUNT VERNON	62
IA	DES MOINES AREA CMTY COLL	ANKENY	3
IA	DIVINE WORD COLL	EPWORTH	8
IA	DORDT COLL	SIOUX CENTER	20
IA	DUBUQUE, UNIV OF	DUBUQUE	2
IA	IOWA STATE UNIV	AMES	148
IA	IOWA, UNIV OF	IOWA CITY	196
IA	LORAS COLL	DUBUQUE	15
IA	LUTHER COLL	DECORAH	86
IA	MUSCATINE CMTY COLL	MUSCATINE	2
IA	NORTHERN IOWA, UNIV OF	CEDAR FALLS	232
IA	NORTHWESTERN COLL	ORANGE CITY	1
IA	SIMPSON COLL	INDIANOLA	73
IA	WARTBURG COLL	WAVERLY	43
IA	WARTBURG THEOLOGICAL SEM	DUBUQUE	3
IA		TOTAL	1,312
ID	IDAHO, COLL OF	CALDWELL	2
ID	IDAHO, UNIV OF	MOSCOW	3
ID		TOTAL	5
IL	AUGUSTANA COLL	ROCK ISLAND	152
IL	BELLEVILLE AREA COLL	BELLEVILLE	22
IL	BLACK HAWK C QUAD-CITIES	MOLINE	3
IL	BLACKBURN COLL	CARLINVILLE	14
IL	BRADLEY UNIV	PEORIA	65
IL	CATHOLIC THEOL UNION	CHICAGO	40
IL	DEPAUL UNIV	CHICAGO	67
IL	DUPAGE, COLL OF	GLEN ELLYN	24
IL	EASTERN ILLINOIS UNIV	CHARLESTON	38
IL	ELMHURST COLL	ELMHURST	30
IL	HIGHLAND CMTY COLL	FREEPORT	2
IL	ILL BENEDICTINE COLL	LISLE	2
IL	ILL CENTRAL COLL	EAST PEORIA	17
IL	ILL COLL	JACKSONVILLE	2
IL	ILL STATE UNIV	NORMAL	370
IL	ILL URBANA CAMPUS, U OF	CHAMPAIGN	625
IL	ILL WESLEYAN UNIV	BLOOMINGTON	125
IL	JOLIET JR COLL	JOLIET	5
IL	KNOX COLL	GALESBURG	67

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STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
IL	LAKE COUNTY, COLL OF	GRAYSLAKE	4
IL	LAKE FOREST COLL	LAKE FOREST	36
IL	LOYOLA UNIV OF CHICAGO	CHICAGO	303
IL	LUTHERAN SCH THEO CHICAGO	CHICAGO	5
IL	MCHENRY COUNTY COLL	CRYSTAL LAKE	2
IL	MENNONITE COLL OF NURSING	BLOOMINGTON	8
IL	MILLIKIN UNIV	DECATUR	3
IL	MONMOUTH COLL	MONMOUTH	1
IL	NORTH CENTRAL COLL	NAPERVILLE	13
IL	NORTHERN ILLINOIS UNIV	DEKALB	460
IL	NORTHWESTERN UNIV	EVANSTON	47
IL	OAKTON CMTY COLL	DES PLAINES	8
IL	PRAIRIE STATE COLL	CHICAGO HEIGHTS	1
IL	PRINCIPIA COLL	ELSAH	75
IL	QUINCY COLL	QUINCY	1
IL	REND LAKE COLL	INA	7
IL	ROCKFORD COLL	ROCKFORD	204
IL	ROSARY COLL	RIVER FOREST	46
IL	SEABURY-WESTERN THEOL SEM	EVANSTON	1
IL	STHN ILLINOIS U CARBONDL	CARBONDALE	51
IL	WAUBONSEE CMTY COLL	SUGAR GROVE	2
IL	WESTERN ILLINOIS UNIV	MACOMB	54
IL	WHEATON COLL	WHEATON	85
IL	WM RAINEY HARPER COLL	PALATINE	15
IL		TOTAL	3,102
IN	ANDERSON COLL	ANDERSON	15
IN	BALL STATE UNIV	MUNCIE	245
IN	BUTLER UNIV	INDIANAPOLIS	2
IN	EARLHAM COLL	RICHMOND	117
IN	FRANKLIN COLL OF INDIANA	FRANKLIN	2
IN	GOSHEN COLL	GOSHEN	191
IN	HANOVER COLL	HANOVER	7
IN	HUNTINGTON COLL	HUNTINGTON	26
IN	INDIANAPOLIS, UNIV OF	INDIANAPOLIS	63
IN	MANCHESTER COLL	N MANCHESTER	8
IN	NOTRE DAME, UNIV OF	NOTRE DAME	409
IN	PURDUE U MAIN CAMPUS	WEST LAFAYETTE	59
IN	ST MARY OF THE WOODS COLL	ST MARY WOODS	1
IN	ST MARY'S COLL	NOTRE DAME	188
IN	ST MEINRAD SCH THEOLOGY	SAINT MEINRAD	21
IN	TAYLOR UNIV	UPLAND	2
IN	TRI-STATE UNIV	ANGOLA	2
IN	VALPARAISO UNIV	VALPARAISO	113
IN	WABASH COLL	CRAWFORDSVILLE	36
IN		TOTAL	1,507

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STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
KS	BAKER UNIV	BALDWIN CITY		1
KS	BARTON COUNTY CMTY COLL	GREAT BEND		5
KS	BENEDICTINE COLL	ATCHISON		1
KS	BETHEL COLL	NORTH NEWTON		7
KS	FORT HAYS STATE UNIV	HAYS		1
KS	KANSAS STATE UNIV	MANHATTAN		100
KS	KANSAS, UNIV OF	LAWRENCE		514
KS	MCPHERSON COLL	MCPHERSON		3
KS	OTTAWA UNIV-OTTAWA CAMPUS	OTTAWA		1
KS	PITTSBURG STATE UNIV	PITTSBURG		30
KS	TABOR COLL	HILLSBORO		12
KS	WICHITA STATE UNIV	WICHITA		59
KS			TOTAL	734
KY	ASBURY COLL	WILMORE		21
KY	ASBURY THEOLOGICAL SEM	WILMORE		14
KY	BELLARMINE COLL	LOUISVILLE		20
KY	CAMPBELLSVILLE COLL	CAMPBELLSVILLE		1
KY	CENTRE COLL	DANVILLE		29
KY	GEORGETOWN COLL	GEORGETOWN		3
KY	KENTUCKY, UNIV OF	LEXINGTON		153
KY	LEXINGTON THEOLOGICAL SEM	LEXINGTON		1
KY	MURRAY STATE UNIV	MURRAY		78
KY	NORTHERN KENTUCKY UNIV	HIGHLAND HTS		25
KY	TRANSYLVANIA UNIV	LEXINGTON		2
KY	WESTERN KENTUCKY UNIV	BOWLING GREEN		117
KY			TOTAL	464
LA	LA STATE U BATON ROUGE	BATON ROUGE		152
LA	LA STATE U SHREVEPORT	SHREVEPORT		2
LA	LA TECH UNIV	RUSTON		14
LA	NEW ORLEANS, UNIV OF	NEW ORLEANS		303
LA	NICHOLLS STATE UNIV	THIBODAUX		132
LA	NTHWSTN STATE UNIV OF LA	NATCHITOCHES		5
LA	STHWSTN LOUISIANA, U OF	LAFAYETTE		36
LA	TULANE UNIV OF LOUISIANA	NEW ORLEANS		200
LA			TOTAL	844
MA	AMERICAN INTERNATL COLL	SPRINGFIELD		5
MA	AMHERST COLL	AMHERST		134
MA	ASSUMPTION COLL	WORCESTER		38
MA	BABSON COLL	BABSON PARK		2
MA	BENTLEY COLL	WALTHAM		47
MA	BOSTON UNIV	BOSTON		810

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STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
MA	BRANDEIS UNIV	WALTHAM	99
MA	BRIDGEWATER STATE COLL	BRIDGEWATER	10
MA	CAPE COD CMTY COLL	W BARNSTABLE	38
MA	CLARK UNIV	WORCESTER	89
MA	EMERSON COLL	BOSTON	80
MA	EMMANUEL COLL	BOSTON	6
MA	GORDON COLL	WENHAM	78
MA	HARVARD UNIV	CAMBRIDGE	178
MA	HOLY CROSS, COLL OF THE	WORCESTER	97
MA	LESLEY COLL	CAMBRIDGE	17
MA	MASS AMHERST CAMPUS,U OF	AMHERST	711
MA	MASS BAY CMTY COLL	WELLESLEY HILLS	1
MA	MERRIMACK COLL	NORTH ANDOVER	15
MA	MOUNT HOLYOKE COLL	SOUTH HADLEY	36
MA	NICHOLS COLL	DUDLEY	2
MA	NORTH ADAMS STATE COLL	NORTH ADAMS	24
MA	NORTH SHORE CMTY COLL	BEVERLY	5
MA	NORTHEASTERN UNIV	BOSTON	113
MA	NORTHERN ESSEX CMTY COLL	HAVERHILL	28
MA	PINE MANOR COLL	CHESTNUT HILL	19
MA	REGIS COLL	WESTON	2
MA	SALEM STATE COLL	SALEM	24
MA	SIMMONS COLL	BOSTON	69
MA	SPRINGFIELD COLL	SPRINGFIELD	25
MA	STONEHILL COLL	NORTH EASTON	50
MA	SUFFOLK UNIV	BOSTON	1
MA	TUFTS FLTCHR LAW& DIPLMCY	MEDFORD	1
MA	WELLESLEY COLL	WELLESLEY	78
MA	WESTERN NEW ENGLAND COLL	SPRINGFIELD	3
MA	WESTFIELD STATE COLL	WESTFIELD	24
MA	WHEATON COLL	NORTON	4
MA	WILLIAMS COLL	WILLIAMSTOWN	77
MA	WORCESTER POLY INST	WORCESTER	40
MA		TOTAL	3,080
MD	BALTIMORE, UNIV OF	BALTIMORE	10
MD	COLUMBIA UNION COLL	TAKOMA PARK	2
MD	FROSTBURG STATE UNIV	FROSTBURG	20
MD	GOUCHER COLL	BALTIMORE	5
MD	HOOD COLL	FREDERICK	18
MD	LOYOLA COLL	BALTIMORE	22
MD	MARYLAND AT BALTIMORE, U	BALTIMORE	45
MD	MARYLAND COLLEGE PARK, U	COLLEGE PARK	202
MD	MARYLAND INST COLL OF ART	BALTIMORE	9
MD	MONTGOMERY C ROCKVILLE	ROCKVILLE	2
MD	MOUNT ST MARY'S COLL	EMMITSBURG	4

TOTAL STUDY ABROAD STUDENTS REPORT
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STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
MD	SALISBURY STATE UNIV	SALISBURY		2
MD	ST MARY'S COLL MARYLAND	ST MARY'S CITY		27
MD	TOWSON STATE UNIV	TOWSON		35
MD	WASHINGTON COLL	CHESTERTOWN		17
MD			TOTAL	420
ME	BATES COLL	LEWISTON		92
ME	HUSSON COLL	BANGOR		1
ME	MAINE AT FARMINGTON, U OF	FARMINGTON		13
ME	MAINE AT FORT KENT, U OF	FORT KENT		1
ME	MAINE AT PRESQUE ISLE, U	PRESQUE ISLE		4
ME			TOTAL	111
MI	ALBION COLL	ALBION		75
MI	ALMA COLL	ALMA		172
MI	ANDREWS UNIV	BERRIEN SPRINGS		27
MI	CALVIN COLL	GRAND RAPIDS		51
MI	CENTRAL MICHIGAN UNIV	MT PLEASANT		88
MI	CHARLES S MOTT CMTY COLL	FLINT		1
MI	CTR FOR CREATIVE STUDIES	DETROIT		18
MI	DAVENPORT COLL	GRAND RAPIDS		3
MI	DETROIT, UNIV OF	DETROIT		65
MI	EASTERN MICHIGAN UNIV	YPSILANTI		352
MI	GRAND RAPIDS BAPT C & SEM	GRAND RAPIDS		3
MI	GRAND VALLEY STATE UNIV	ALLENDALE		80
MI	HILLSDALE COLL	HILLSDALE		26
MI	HOPE COLL	HOLLAND		115
MI	KALAMAZOO COLL	KALAMAZOO		202
MI	KENDALL COLL ART & DSGN	GRAND RAPIDS		2
MI	LANSING CMTY COLL	LANSING		52
MI	MICHIGAN STATE UNIV	EAST LANSING		1,022
MI	MICHIGAN TECHNOLOGICAL U	HOUGHTON		10
MI	MICHIGAN-ANN ARBOR, U OF	ANN ARBOR		328
MI	NORTHERN MICHIGAN UNIV	MARQUETTE		17
MI	OAKLAND UNIV	ROCHESTER		27
MI	OLIVET COLL	OLIVET		1
MI	SAGINAW VALLEY STATE UNIV	UNIV CENTER		20
MI	SPRING ARBOR COLL	SPRING ARBOR		29
MI	WAYNE STATE UNIV	DETROIT		88
MI	WESTERN MICHIGAN UNIV	KALAMAZOO		70
MI			TOTAL	2,944
MN	AUGSBURG COLL	MINNEAPOLIS		14
MN	BEMIDJI STATE UNIV	BEMIDJI		31

TOTAL STUDY ABROAD STUDENTS REPORT
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STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
MN	CARLETON COLL	NORTHFIELD	186
MN	CONCORDIA COLL MOORHEAD	MOORHEAD	204
MN	GUSTAVUS ADOLPHUS COLL	SAINT PETER	190
MN	LUTHER NTHWSTN THEOL SEM	SAINT PAUL	1
MN	MACALESTER COLL	SAINT PAUL	183
MN	MINN DULUTH, UNIV OF	DULUTH	105
MN	MINN TWIN CITIES, UNIV OF	MINNEAPOLIS	565
MN	MINN WASECA, UNIV OF	WASECA	7
MN	MOORHEAD STATE UNIV	MOORHEAD	140
MN	ST CATHERINE, COLL OF	SAINT PAUL	36
MN	ST MARY'S COLL	WINONA	37
MN	ST OLAF COLL	NORTHFIELD	490
MN	ST SCHOLASTICA, COLL OF	DULUTH	26
MN	ST TERESA, COLL OF	WINONA	14
MN	ST THOMAS, COLL OF	SAINT PAUL	224
MN	UNITED THEOLOGICAL SEM	NEW BRIGHTON	1
MN	WINONA STATE UNIV	WINONA	30
MN		TOTAL	2,484
MO	CENTRAL MISSOURI ST UNIV	WARRENSBURG	49
MO	DRURY COLL	SPRINGFIELD	22
MO	EAST CENTRAL COLL	UNION	1
MO	EDEN THEOLOGICAL SEM	WEBSTER GROVES	1
MO	FONTBONNE COLL	SAINT LOUIS	2
MO	KANSAS CITY ART INST	KANSAS CITY	5
MO	MISSOURI COLUMBIA, U OF	COLUMBIA	69
MO	MISSOURI KANSAS CITY, U OF	KANSAS CITY	92
MO	OZARKS, SCH OF THE	POINT LOOKOUT	3
MO	ST LOUIS UNIV MAIN CAMPUS	SAINT LOUIS	370
MO	ST PAUL SCH OF THEOLOGY	KANSAS CITY	7
MO	STEPHENS COLL	COLUMBIA	15
MO	STHEST MISSOURI STATE U	CAPE GIRARDEAU	46
MO	STHWST MISSOURI STATE U	SPRINGFIELD	50
MO	WEBSTER UNIV	SAINT LOUIS	37
MO	WESTMINSTER COLL	FULTON	4
MO	WILLIAM JEWELL COLL	LIBERTY	90
MO	WILLIAM WOODS COLL	FULTON	7
MO		TOTAL	870
MS	MISSISSIPPI COLL	CLINTON	2
MS	MISSISSIPPI STATE UNIV	MS STATE	116
MS	RUST COLL	HOLLY SPRINGS	2
MS	SOUTHERN MISSISSIPPI, U OF	HATTIESBURG	326
MS	WILLIAM CAREY COLL	HATTIESBURG	59
MS		TOTAL	505

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STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 67
MT	CARROLL COLL	HELENA	4
MT	MONTANA STATE UNIV	BOZEMAN	25
MT	MONTANA, UNIV OF	MISSOULA	43
MT		TOTAL	72
NC	APPALACHIAN STATE UNIV	BOONE	99
NC	DAVIDSON COLL	DAVIDSON	95
NC	DUKE UNIV	DURHAM	469
NC	ELON COLL	ELON COLLEGE	153
NC	GREENSBORO COLL	GREENSBORO	1
NC	GUILFORD COLL	GREENSBORO	84
NC	LENOIR CMTY COLL	KINSTON	1
NC	LENOIR-RHYNE COLL	HICKORY	11
NC	MARS HILL COLL	MARS HILL	4
NC	NC AGRL & TECH STATE UNIV	GREENSBORO	15
NC	NC AT ASHEVILLE, UNIV OF	ASHEVILLE	17
NC	NC AT CHAPEL HILL, U OF	CHAPEL HILL	120
NC	NC AT CHARLOTTE, UNIV OF	CHARLOTTE	78
NC	NC AT GREENSBORO, UNIV OF	GREENSBORO	35
NC	NC AT WILMINGTON, UNIV OF	WILMINGTON	18
NC	NC CENTRAL UNIV	DURHAM	6
NC	NC STATE UNIV RALEIGH	RALEIGH	79
NC	SALEM COLL	WINSTON-SALEM	1
NC	ST MARY'S COLL	RALEIGH	7
NC	STHESTN BAPTIST THEOL SEM	WAKE FOREST	32
NC	WAKE FOREST UNIV	WINSTON-SALEM	145
NC	WESTERN CAROLINA UNIV	CULLOWHEE	5
NC	WINGATE COLL	WINGATE	20
NC		TOTAL	1,495
ND	ND STATE U MAIN CAMPUS	FARGO	7
ND		TOTAL	7
NE	CHADRON STATE COLL	CHADRON	14
NE	DANA COLL	BLAIR	1
NE	KEARNEY STATE COLL	KEARNEY	7
NE	NEBRASKA OMAHA, UNIV OF	OMAHA	89
NE	NEBRASKA WESLEYAN UNIV	LINCOLN	26
NE	UNION COLL	LINCOLN	5
NE		TOTAL	142
NH	COLBY-SAWYER COLL	NEW LONDON	3
NH	KEENE STATE COLL	KEENE	106

TOTAL STUDY ABROAD STUDENTS REPORT
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STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
NH	NEW ENGLAND COLL	HENNIKER	318
NH	NEW HAMPSHIRE COLL	MANCHESTER	59
NH	PLYMOUTH STATE COLL	PLYMOUTH	4
NH	ST ANSELM'S COLL	MANCHESTER	15
NH		TOTAL	505
NJ	BERGEN CMTY COLL	PARAMUS	170
NJ	BLOOMFIELD COLL	BLOOMFIELD	3
NJ	CALDWELL COLL	CALDWELL	2
NJ	CENTENARY COLL	HACKETTSTOWN	1
NJ	DON BOSCO COLL	NEWTON	1
NJ	DREW UNIV	MADISON	130
NJ	FAIRLEGH DCKSN U EDW WMS	HACKENSACK	2
NJ	FAIRLEGH DCKSN U RUTHRFRD	RUTHERFORD	162
NJ	GEORGIAN COURT COLL	LAKEWOOD	28
NJ	GLASSBORO STATE COLL	GLASSBORO	15
NJ	PRINCETON UNIV	PRINCETON	41
NJ	RAMAPO COLL OF NEW JERSEY	MAHWAH	87
NJ	RIDER COLL	LAWRENCEVILLE	13
NJ	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	114
NJ	SALEM CMTY COLL	CARNEYS POINT	11
NJ	SETON HALL UNIV	SOUTH ORANGE	5
NJ	ST PETER'S COLL	JERSEY CITY	5
NJ	STEVENS INST TECHNOLOGY	HOBOKEN	5
NJ	STOCKTON STATE COLL	POMONA	19
NJ	TRENTON STATE COLL	TRENTON	37
NJ	WILLIAM PATERSON COLL	WAYNE	13
NJ		TOTAL	864
NM	NEW MEXICO ALBUQUERQUE, U	ALBUQUERQUE	117
NM	NEW MEXICO ST U MAIN	LAS CRUCES	12
NM	WESTERN NEW MEXICO UNIV	SILVER CITY	12
NM		TOTAL	141
NV	NEVADA LAS VEGAS, UNIV OF	LAS VEGAS	26
NV		TOTAL	26
NY	ALFRED UNIV	ALFRED	43
NY	BARNARD COLL	NEW YORK	109
NY	CAYUGA CO CMTY COLL	AUBURN	128
NY	CAZENOVIA COLL	CAZENOVIA	30
NY	CLARKSON UNIV	POTSDAM	16
NY	COLGATE UNIV	HAMILTON	232

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
NY	CONCORDIA COLL	BRONXVILLE	359
NY	CORNELL UNIV	ITHACA	335
NY	CORNING CMTY COLL	CORNING	17
NY	CUNY BORO OF MANHATTAN CC	NEW YORK	13
NY	CUNY BROOKLYN COLL	BROOKLYN	95
NY	CUNY GRAD SCH & UNIV CTR	NEW YORK	2
NY	CUNY JOHN JAY COLL	NEW YORK	15
NY	CUNY LEHMAN COLL	BRONX	6
NY	CUNY QUEENS COLL	FLUSHING	39
NY	DUTCHESS CMTY COLL	POUGHKEEPSIE	3
NY	ELMIRA COLL	ELMIRA	9
NY	ERIE CMTY COLL-CITY	BUFFALO	12
NY	FASHION INST TECHNOLOGY	NEW YORK	273
NY	FRIENDS WORLD COLL	HUNTINGTON	685
NY	GENERAL THEOLOGICAL SEM	NEW YORK	2
NY	HAMILTON COLL	CLINTON	143
NY	HARTWICK COLL	ONEONTA	173
NY	HOBART & WM SMITH COLLS	GENEVA	183
NY	HOFSTRA UNIV	HEMPSTEAD	67
NY	HOUGHTON COLL	HOUGHTON	4
NY	INSURANCE, COLL OF	NEW YORK	3
NY	ITHACA COLL	ITHACA	260
NY	JAMESTOWN CMTY COLL	JAMESTOWN	14
NY	JEWISH THEOL SEM AMERICA	NEW YORK	45
NY	KING'S COLL	BRIARCLF MANOR	39
NY	LE MOYNE COLL	SYRACUSE	10
NY	MANHATTAN COLL	RIVERDALE	22
NY	MARYMOUNT COLL	TARRYTOWN	171
NY	NAZARETH COLL ROCHESTER	ROCHESTER	19
NY	NEW ROCHELLE, COLL OF	NEW ROCHELLE	6
NY	NEW YORK UNIV	NEW YORK	45
NY	NYACK COLL	NYACK	51
NY	PACE UNIV NEW YORK	NEW YORK	12
NY	PRATT INST	BROOKLYN	75
NY	RENSSELAER POLY INST	TROY	41
NY	ROBERTS WESLEYAN COLL	ROCHESTER	28
NY	ROCKLAND CMTY COLL	SUFFERN	396
NY	RUSSELL SAGE COLL	TROY	11
NY	SARAH LAWRENCE COLL	BRONXVILLE	95
NY	ST BONAVENTURE UNIV	ST BONAVENTURE	134
NY	ST FRANCIS COLL	BROOKLYN	5
NY	ST LAWRENCE UNIV	CANTON	250
NY	ST ROSE, COLL OF	ALBANY	1
NY	SUNY AT ALBANY	ALBANY	307
NY	SUNY AT BINGHAMTON	BINGHAMTON	243
NY	SUNY AT BUFFALO	BUFFALO	79
NY	SUNY AT STONY BK MAIN CAM	STONY BROOK	221

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
NY	SUNY COLL AT BROCKPORT	BROCKPORT	241
NY	SUNY COLL AT BUFFALO	BUFFALO	149
NY	SUNY COLL AT CORTLAND	CORTLAND	341
NY	SUNY COLL AT FREDONIA	FREDONIA	16
NY	SUNY COLL AT NEW PALTZ	NEW PALTZ	169
NY	SUNY COLL AT OLD WESTBURY	OLD WESTBURY	6
NY	SUNY COLL AT ONEONTA	ONEONTA	49
NY	SUNY COLL AT OSWEGO	OSWEGO	173
NY	SUNY COLL AT PLATTSBURGH	PLATTSBURGH	162
NY	SUNY COLL AT POTSDAM	POTSDAM	25
NY	SUNY COLL AT PURCHASE	PURCHASE	33
NY	SUNY COLL ENV SCI& FRSTRY	SYRACUSE	45
NY	SUNY EMPIRE STATE COLL	SARATOGA SPRNGS	52
NY	SUNY HEALTH SCI CTR SYRAC	SYRACUSE	5
NY	SUNY INST TECH UTICA/ROME	UTICA	1
NY	SYRACUSE UNIV MAIN CAMPUS	SYRACUSE	108
NY	SYRACUSE UNIV UTICA COLL	UTICA	2
NY	UNION COLL	SCHENECTADY	200
NY	VASSAR COLL	POUGHKEEPSIE	136
NY	VISUAL ARTS, SCH OF	NEW YORK	43
NY	WAGNER COLL	STATEN ISLAND	42
NY	WESTCHESTER CMTY COLL	VALHALLA	76
NY	YESHIVA UNIV	NEW YORK	375
NY		TOTAL	8,027
OH	AKRON MAIN CAMPUS, U OF	AKRON	85
OH	ANTIOCH UNIV	YELLOW SPRINGS	183
OH	ASHLAND UNIV	ASHLAND	1
OH	ATHENAEUM OF OHIO	CINCINNATI	4
OH	BLUFFTON COLL	BLUFFTON	8
OH	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	229
OH	CAPITAL UNIV	COLUMBUS	5
OH	CASE WESTERN RESERVE UNIV	CLEVELAND	12
OH	CENTRAL STATE UNIV	WILBERFORCE	5
OH	CINCINNATI, UNIV OF	CINCINNATI	24
OH	CLEVELAND INST OF ART	CLEVELAND	289
OH	DENISON UNIV	GRANVILLE	160
OH	FINDLAY, THE UNIV OF	FINDLAY	2
OH	FRANCISCAN U STEUBENVILLE	STEUBENVILLE	1
OH	HEIDELBERG COLL	TIFFIN	39
OH	HIRAM COLL	HIRAM	99
OH	KENYON COLL	GAMBIER	106
OH	LAKE ERIE COLL	PAINESVILLE	38
OH	MALONE COLL	CANTON	9
OH	MARIETTA COLL	MARIETTA	1
OH	METHODIST THEOL SCH OHIO	DELAWARE	2

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
OH	MIAMI UNIV OXFORD	OXFORD		644
OH	MOUNT ST JOSEPH, COLL OF	MT ST JOSEPH		6
OH	MOUNT UNION COLL	ALLIANCE		8
OH	OHIO DOMINICAN COLL	COLUMBUS		3
OH	OHIO STATE U MAIN CAMPUS	COLUMBUS		112
OH	OHIO UNIV MAIN CAMPUS	ATHENS		153
OH	OHIO WESLEYAN UNIV	DELAWARE		68
OH	OTTERBEIN COLL	WESTERVILLE		8
OH	PONTIFICAL C JOSEPHINUM	COLUMBUS		10
OH	SINCLAIR CMTY COLL	DAYTON		1
OH	TRINITY LUTHERAN SEM	COLUMBUS		2
OH	WILMINGTON COLL	WILMINGTON		23
OH	WITTENBERG UNIV	SPRINGFIELD		58
OH	XAVIER UNIV	CINCINNATI		68
OH			TOTAL	2,466
OK	OKLA BAPTIST UNIV	SHAWNEE		27
OK	OKLA CHRISTIAN COLL	OKLAHOMA CITY		44
OK	OKLA NORMAN, UNIV OF	NORMAN		113
OK	OKLA STATE U MAIN CAMPUS	STILLWATER		27
OK	ORAL ROBERTS UNIV	TULSA		9
OK	TULSA, UNIV OF	TULSA		19
OK			TOTAL	239
OR	CHEMEKETA CMTY COLL	SALEM		1
OR	EASTERN OREGON STATE COLL	LA GRANDE		3
OR	GEORGE FOX COLL	NEWBERG		26
OR	LANE CMTY COLL	EUGENE		9
OR	LEWIS & CLARK COLL	PORTLAND		230
OR	LINFIELD COLL	MCMINNVILLE		160
OR	MOUNT HOOD CMTY COLL	GRESHAM		15
OR	OREGON MAIN CAMPUS, U OF	EUGENE		387
OR	OREGON STATE UNIV	CORVALLIS		129
OR	PACIFIC UNIV	FOREST GROVE		7
OR	PORTLAND STATE UNIV	PORTLAND		125
OR	PORTLAND, UNIV OF	PORTLAND		39
OR	REED COLL	PORTLAND		60
OR	SOUTHERN OREGON ST COLL	ASHLAND		16
OR	WILLAMETTE UNIV	SALEM		86
OR	WSTN OREGON STATE COLL	MONMOUTH		17
OR			TOTAL	1,310
PA	ALBRIGHT COLL	READING		94
PA	ALLENTOWN COLL	CENTER VALLEY		1

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 87
PA	ARTS, UNIV OF THE	PHILADELPHIA	2
PA	BEAVER COLL	GLENSIDE	1,450
PA	BRYN MAWR COLL	BRYN MAWR	32
PA	BUCKNELL UNIV	LEWISBURG	102
PA	BUCKS COUNTY CMTY COLL	NEWTOWN	6
PA	CARNEGIE-MELLON UNIV	PITTSBURGH	45
PA	DICKINSON COLL	CARLISLE	240
PA	DUQUESNE UNIV	PITTSBURGH	10
PA	EAST STROUDSBURG UNIV	E STROUDSBURG	26
PA	EASTERN COLL	SAINT DAVIDS	6
PA	EDINBORO UNIV	EDINBORO	72
PA	ELIZABETHTOWN COLL	ELIZABETHTOWN	13
PA	FRANKLIN & MARSHALL COLL	LANCASTER	23
PA	GENEVA COLL	BEAVER FALLS	1
PA	GETTYSBURG COLL	GETTYSBURG	16
PA	HAVERFORD COLL	HAVERFORD	64
PA	IMMACULATA COLL	IMMACULATA	23
PA	INDIANA UNIV OF PENN	INDIANA	500
PA	JUNIATA COLL	HUNTINGDON	36
PA	KING'S COLL	WILKES-BARRE	1
PA	LA SALLE UNIV	PHILADELPHIA	25
PA	LANCASTER BIBLE COLL	LANCASTER	2
PA	LEHIGH UNIV	BETHLEHEM	31
PA	LINCOLN UNIV	LINCOLN UNIV	8
PA	LOCK HAVEN UNIV	LOCK HAVEN	118
PA	LYCOMING COLL	WILLIAMSPORT	1
PA	MANOR JR COLL	JENKINTOWN	1
PA	MANSFIELD UNIV	MANSFIELD	21
PA	MERCYHURST COLL	ERIE	2
PA	MESSIAH COLL	GRANTHAM	12
PA	MILLERSVILLE UNIV	MILLERSVILLE	30
PA	MISERICORDIA, COLL OF	DALLAS	1
PA	MUHLENBERG COLL	ALLENTOWN	25
PA	NEW CHURCH, ACAD OF THE	BRYN ATHYN	1
PA	PENN STATE U-UNIV PK CAM	UNIVERSITY PARK	407
PA	PENN, UNIV OF	PHILADELPHIA	608
PA	PHILA COLL OF THE BIBLE	LANGHORNE	3
PA	PHILA COLL TEXTILE & SCI	PHILADELPHIA	7
PA	PITTSBURGH MAIN CAMPUS, U	PITTSBURGH	164
PA	SCRANTON, UNIV OF	SCRANTON	18
PA	SHIPPENSBURG U OF PENN	SHIPPENSBURG	14
PA	SLIPPERY ROCK UNIV	SLIPPERY ROCK	337
PA	ST FRANCIS COLL	LORETTO	4
PA	SUSQUEHANNA UNIV	SELINSGROVE	66
PA	TEMPLE UNIV	PHILADELPHIA	350
PA	THIEL COLL	GREENVILLE	3
PA	UNITED WESLEYAN COLL	ALLENTOWN	1

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
PA	URSINUS COLL	COLLEGEVILLE		11
PA	WAYNESBURG COLL	WAYNESBURG		2
PA	WEST CHESTER UNIV	WEST CHESTER		20
PA	WESTMINSTER COLL	NEW WILMINGTON		10
PA	WESTMINSTER THEOL SEM	PHILADELPHIA		7
PA	WIDENER UNIV	CHESTER		1
PA	WILSON COLL	CHAMBERSBURG		2
PA			TOTAL	5,073
PR	PR CAYEY UNIV COLL, U OF	CAYEY		9
PR	PR RIO PIEDRAS, UNIV OF	RIO PIEDRAS		8
PR			TOTAL	17
RI	BROWN UNIV	PROVIDENCE		350
RI	BRYANT COLL	SMITHFIELD		35
RI	PROVIDENCE COLL	PROVIDENCE		55
RI	RHODE ISLAND SCH DESIGN	PROVIDENCE		34
RI	ROGER WILLIAMS COLL	BRISTOL		82
RI			TOTAL	556
SC	CHARLESTON, COLL OF	CHARLESTON		19
SC	CLEMSON UNIV	CLEMSON		40
SC	COKER COLL	HARTSVILLE		1
SC	CONVERSE COLL	SPARTANBURG		42
SC	ERSKINE COLL	DUE WEST		3
SC	FRANCIS MARION COLL	FLORENCE		8
SC	FURMAN UNIV	GREENVILLE		92
SC	LANDER COLL	GREENWOOD		3
SC	PRESBYTERIAN COLL	CLINTON		1
SC	SC AT SPARTANBURG, U OF	SPARTANBURG		2
SC	SC COLUMBIA CAMPUS, U OF	COLUMBIA		259
SC	WINTHROP COLL	ROCK HILL		9
SC			TOTAL	479
SD	SD MAIN CAMPUS, UNIV OF	VERMILLION		6
SD	SD STATE UNIV	BROOKINGS		10
SD			TOTAL	16
TN	AUSTIN PEAY STATE UNIV	CLARKSVILLE		4
TN	CARSON-NEWMAN COLL	JEFFERSON CITY		16
TN	CHRISTIAN BROTHERS COLL	MEMPHIS		13
TN	DAVID LIPSCOMB COLL	NASHVILLE		11

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
TN	EAST TENN STATE UNIV	JOHNSON CITY		97
TN	KING COLL	BRISTOL		57
TN	MARYVILLE COLL	MARYVILLE		2
TN	MEMPHIS STATE UNIV	MEMPHIS		8
TN	MILLIGAN COLL	MILLIGAN COLL		14
TN	RHODES COLL	MEMPHIS		55
TN	STHN COLL OF S D A	COLLEGEDALE		4
TN	TENN CHATTANOOGA, UNIV OF	CHATTANOOGA		25
TN	TENN MARTIN, UNIV OF	MARTIN		28
TN	TENN WESLEYAN COLL	ATHENS		8
TN	VANDERBILT UNIV	NASHVILLE		200
TN			TOTAL	542
TX	ABILENE CHRISTIAN UNIV	ABILENE		4
TX	AUSTIN COLL	SHERMAN		91
TX	BAYLOR UNIV	WACO		239
TX	CONCORDIA LUTHERAN COLL	AUSTIN		2
TX	DALLAS, UNIV OF	IRVING		171
TX	EL CENTRO COLL	DALLAS		73
TX	HARDIN-SIMMONS UNIV	ABILENE		34
TX	LEE COLL	BAYTOWN		13
TX	NORTH TEXAS, UNIV OF	DENTON		30
TX	RICHLAND COLL	DALLAS		42
TX	SCHREINER COLL	KERRVILLE		2
TX	SOUTHERN METHODIST UNIV	DALLAS		400
TX	SOUTHWEST TEXAS STATE U	SAN MARCOS		175
TX	SOUTHWESTERN ADVNTST COLL	KEENE		5
TX	ST MARY'S UNIV	SAN ANTONIO		4
TX	SUL ROSS STATE UNIV	ALPINE		1
TX	TEX A&M UNIV MAIN CAMPUS	COLLEGE STATION		339
TX	TEX AUSTIN, UNIV OF	AUSTIN		406
TX	TEX CHRISTIAN UNIV	FORT WORTH		45
TX	TEX EL PASO, UNIV OF	EL PASO		9
TX	TEX HLTH SCI CTR HOUSTN,U	HOUSTON		10
TX	TEX LUTHERAN COLL	SEGUIN		4
TX	TEX TECH UNIV	LUBBOCK		75
TX	TEX WOMAN'S UNIV	DENTON		13
TX	TRINITY UNIV	SAN ANTONIO		116
TX			TOTAL	2,303
UT	UTAH, UNIV OF	SALT LAKE CITY		378
UT	WEBER STATE COLL	OGDEN		22
UT			TOTAL	400

TOTAL STUDY ABROAD STUDENTS REPORT
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STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
VA	AVERETT COLL	DANVILLE		2
VA	BRIDGEWATER COLL	BRIDGEWATER		7
VA	CHRISTOPHER NEWPORT COLL	NEWPORT NEWS		1
VA	EMORY & HENRY COLL	EMORY		2
VA	ESTN MENNONITE COLL & SEM	HARRISONBURG		98
VA	FERRUM COLL	FERRUM		6
VA	GEORGE MASON UNIV	FAIRFAX		29
VA	HAMPDEN-SYDNEY COLL	HAMPDEN-SYDNEY		26
VA	HOLLINS COLL	HOLLINS COLLEGE		181
VA	JAMES MADISON UNIV	HARRISONBURG		179
VA	LONGWOOD COLL	FARMVILLE		23
VA	MARY BALDWIN COLL	STAUNTON		51
VA	OLD DOMINION UNIV	NORFOLK		27
VA	RADFORD UNIV	RADFORD		10
VA	RANDOLPH-MACON COLL	ASHLAND		8
VA	RANDOLPH-MACON WOMAN'S C	LYNCHBURG		31
VA	RICHMOND, UNIV OF	U OF RICHMOND		45
VA	ROANOKE COLL	SALEM		67
VA	SOUTHERN SEM COLL	BUENA VISTA		8
VA	SWEET BRIAR COLL	SWEET BRIAR		51
VA	TIDEWATER CMTY COLL	PORTSMOUTH		8
VA	VIRGINIA MAIN CAMPUS,U OF	CHARLOTTESVILLE		307
VA	VIRGINIA MILITARY INST	LEXINGTON		21
VA	VIRGINIA POLY INST & ST U	BLACKSBURG		100
VA	VIRGINIA WESLEYAN COLL	NORFOLK		1
VA	VIRGINIA WSTN CMTY COLL	ROANOKE		6
VA	WASHINGTON & LEE UNIV	LEXINGTON		76
VA	WILLIAM & MARY, COLL OF	WILLIAMSBURG		200
VA			TOTAL	1,571
VT	BENNINGTON COLL	BENNINGTON		30
VT	INTL TRAINING, SCH FOR	BRATTLEBORO		457
VT	MARLBORO COLL	MARLBORO		5
VT	NORWICH UNIV MAIN CAMPUS	NORTHFIELD		4
VT	SOUTHERN VERMONT COLL	BENNINGTON		12
VT	ST JOSEPH IN VT, COLL OF	RUTLAND		1
VT	TRINITY COLL	BURLINGTON		3
VT	VERMONT, UNIV OF	BURLINGTON		300
VT			TOTAL	812
WA	CENTRAL WASHINGTON UNIV	ELLENSBURG		45
WA	CORNISH COLL OF THE ARTS	SEATTLE		1
WA	GONZAGA UNIV	SPOKANE		74
WA	GREEN RIVER CMTY COLL	AUBURN		3
WA	HIGHLINE CMTY COLL	DES MOINES		24

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
WA	LOWER COLUMBIA COLL	LONGVIEW		1
WA	OLYMPIC COLL	BREMERTON		63
WA	PACIFIC LUTHERAN UNIV	TACOMA		57
WA	PUGET SOUND, UNIV OF	TACOMA		82
WA	SHORELINE CMTY COLL	SEATTLE		75
WA	SKAGIT VALLEY COLL	MOUNT VERNON		10
WA	SOUTH PUGET SOUND CMTY C	OLYMPIA		4
WA	SPOKANE FALLS CMTY COLL	SPOKANE		16
WA	WALLA WALLA COLL	COLLEGE PLACE		15
WA	WASHINGTON STATE UNIV	PULLMAN		136
WA	WASHINGTON, UNIV OF	SEATTLE		300
WA	WESTERN WASHINGTON UNIV	BELLINGHAM		226
WA	WHITMAN COLL	WALLA WALLA		50
WA	WHITWORTH COLL	SPOKANE		115
WA			TOTAL	1,297
WI	BELOIT COLL	BELOIT		36
WI	CARROLL COLL	WAUKESHA		138
WI	CONCORDIA COLL	MEQUON		2
WI	EDGEWOOD COLL	MADISON		1
WI	LAWRENCE UNIV	APPLETON		139
WI	MARQUETTE UNIV	MILWAUKEE		153
WI	MEDICAL COLL OF WISCONSIN	MILWAUKEE		10
WI	MILWAUKEE AREA TECH COLL	MILWAUKEE		10
WI	RIPON COLL	RIPON		28
WI	ST NORBERT COLL	DE PERE		63
WI	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE		198
WI	WISCONSIN LA CROSSE, U OF	LA CROSSE		124
WI	WISCONSIN MADISON, U OF	MADISON		240
WI	WISCONSIN MILWAUKEE, U OF	MILWAUKEE		232
WI	WISCONSIN PLATTEVL, U OF	PLATTEVILLE		473
WI	WISCONSIN STEVNS PNT,U OF	STEVENS POINT		252
WI	WISCONSIN STOUT, UNIV OF	MENOMONIE		105
WI	WISCONSIN WHITEWATER,U OF	WHITEWATER		40
WI			TOTAL	2,244
WV	ALDERSON BROADDUS COLL	PHILIPPI		4
WV	BLUEFIELD STATE COLL	BLUEFIELD		3
WV	WEST LIBERTY STATE COLL	WEST LIBERTY		5
WV	WEST VA STATE COLL	INSTITUTE		2
WV	WEST VA UNIV	MORGANTOWN		174
WV			TOTAL	188
WY	WYOMING, UNIV OF	LARAMIE		28

TOTAL STUDY ABROAD STUDENTS REPORT
SORTED BY UNIVERSITY STATE AND CITY

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 87
WY	WYOMING, UNIV OF	LARAMIE		28
WY			TOTAL	56
			GRAND TOTAL	62,397

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